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ABSTRACT

This guide is designed to present overseas students with an array of possibilities for study at institutions of higher education in Israel. The guide examines the degree programs, both undergraduate and graduate, that are available as well as diploma studies and special programs for overseas students. In addition, the guide provides lists of the institutions of higher education in Israel, the regional colleges, and the academic degrees that are awarded by the institutions. The remainder of the guide is devoted to descriptions and other information pertaining to each school. Information is provided on programs of study, student financial aid, admission requirements and application information, student life, and housing availability. Finally, the guide provides general information for overseas students on: how to apply to Israeli academic institutions from abroad, Hebrew courses, student obligations to the Student Authority (student assistance organization), visas, the school year, and student life in Israel. A list is provided of information sources. (GLR)

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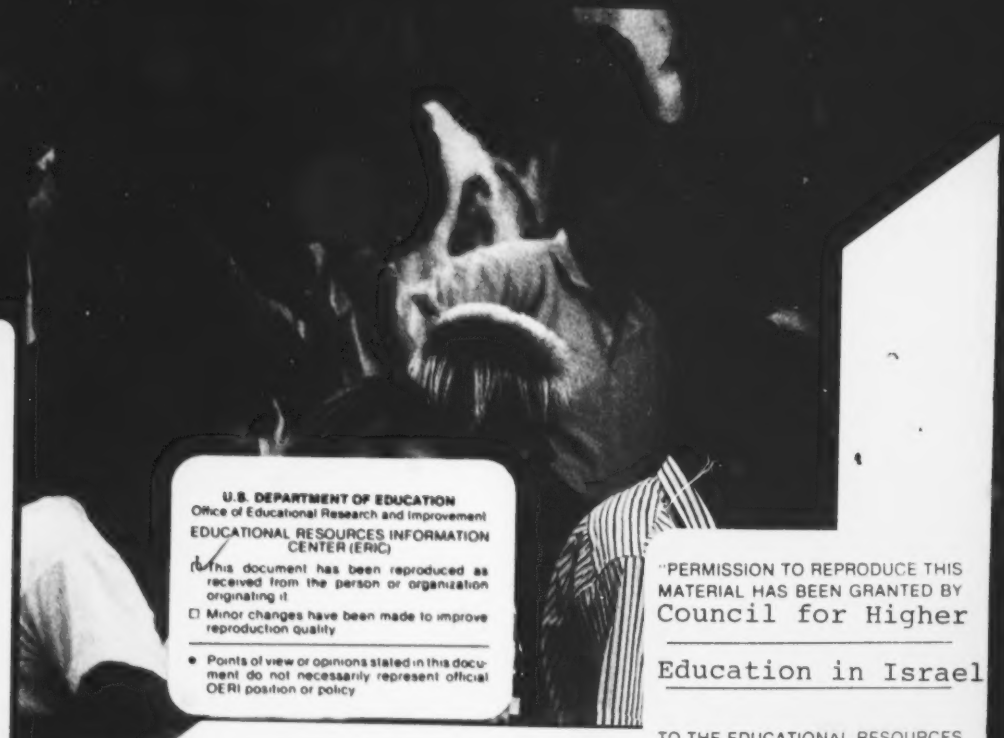

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Guide for Overseas Students

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Higher Education in Israel

A Guide for Overseas Students

Fifth Edition

Published by
The Committee for Overseas Students
of the Planning & Budgeting Committee - Council for Higher Education in Israel

With the assistance of
The National Institute for Testing and Evaluation
and the Student Authority

HIGHER EDUCATION IN ISRAEL

A Guide for Overseas Students

השכלה גבוהה בישראל

מדריך לסטודנטים מחו"ל

Fifth Edition

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Foreword

Numerous students from around the world come to Israel every year to take advantage of the many educational opportunities offered. The 1991 edition of this guide is designed to present overseas students with an array of possibilities for study at institutions of higher education in Israel. We hope you find this guide useful in selecting a suitable program of study. We feel sure that study in Israel is bound to be a rewarding experience.

We wish to thank all those who aided in the preparation of this book. Comments and feedback will be appreciated.

A substantial portion of the material found in this guide was submitted by the institutions of higher education in Israel and the Student Authority to the Council for Higher Education, where it was reviewed.

The information in this guide is subject to change. In the event of any discrepancies between the information presented here and the regulations of the institutions of higher education and all government and public agencies, the regulations will prevail.

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The Structure of Higher Education in Israel

Tertiary-level education in Israel is designated as either post-secondary education or higher education. The post-secondary education system in Israel is composed of different types of vocational institutions, under the supervision of the ministries of Education and Culture, Labor and Social Welfare, and/or Health, including teacher-training colleges, technical colleges and schools, and paramedical schools. Post-secondary education does not lead to an academic degree.

Higher education in Israel, on the other hand, is under the direct jurisdiction of the Council for Higher Education, which is responsible for accrediting and authorizing institutions of higher education to award degrees. It is this jurisdiction which distinguishes the higher education system from the post-secondary education system.

The higher education system is made up of universities; non-university institutions of higher education that provide instruction in specific fields, such as technology, the arts and teacher training, at the bachelor's degree level only; and regional colleges that offer academic courses for which universities are academically responsible.

The following universities are engaged in both teaching and research: the Hebrew University of Jerusalem, the Technion – Israel Institute of Technology, Tel Aviv University, Bar-Ilan University, the University of Haifa, Ben-Gurion University of the Negev, and the Weizmann Institute of Science (a research institute that offers graduate programs). These institutions offer undergraduate and graduate programs in the humanities, natural sciences and social sciences. Some offer programs in law, medicine, dental medicine, para-medical studies, pharmacy, agriculture, applied sciences, engineering and architecture. The Open University in Israel offers undergraduate courses in the humanities, social sciences and natural sciences and is based on distance-teaching.

In addition to the universities, several other institutions are accredited as institutions of higher education and offer academic programs in a variety of fields, such as the fine arts, music, technology, teacher training, etc. University-level education is also offered by regional colleges in evening classes. Universities are academically responsible for these courses.

The language of instruction in all of the institutions of higher education is Hebrew, although several offer a few courses or programs in other languages.

The institutions of higher education are autonomous in the conduct of their academic and admin-

istrative affairs within the framework of their budgets. Although about 50% of the total recurrent budget and about 15% of the total development budget of the institutions come from public funds, they are not state universities (tuition and student fees cover about 15-20% and the remainder is derived from contributions and other sources).

The licensing and accrediting authority for higher education is the Council for Higher Education, a statutory body whose chairman is, ex-officio, the Minister of Education and Culture. In addition to the chairman, the Council is composed of 19-24 members personally appointed by the President of the State of Israel, on the recommendation of the government. At least two thirds of the members must be academics of standing. The Council has the sole power to accredit institutions of higher education and to authorize them to award academic degrees. It is empowered by law to advise the government on the development and financing of higher education and scientific research. To this end, the Council has established a permanent subcommittee, the Planning and Budgeting Committee, whose functions are as follows: to propose and supervise the allocation of budgets for higher education, taking into account the needs of society and the State, while safeguarding academic freedom and assuring the advancement of research and learning; to propose to the government and the Council for Higher Education plans for the development of higher education, including their financing; to express its opinion on all matters concerning higher education; to promote efficiency in the institutions of higher education and to coordinate between them.

Higher education usually follows 12 years of primary and secondary education. A precondition is possession of the Israeli matriculation certificate (*bagrut*) or its equivalent. Some fields of study require certain minimum grades in matriculation examinations. Most of the institutions require candidates to submit psychometric entrance examination scores. The only requirement of the Open University is that applicants be capable of academic study.

Most of the institutions offer special programs for foreign students lasting one semester or one year.

The first stage of higher education, which comprises three or four years of study and usually leads to a bachelor's degree, is provided by the universities and other institutions of higher education.

The second stage entails greater specialization and is open to candidates who have completed undergraduate studies, usually with a certain level of achievement. In most cases, it leads to the master or magister degree, while in medicine and dental medicine it leads to the M.D. and D.M.D. degrees, respectively. Additionally, a secondary school teaching certificate or a diploma in such fields as library science and archive studies may be obtained after one or two years of study. The second stage (as well as the third stage) is available only at the universities.

The third stage leads to the research degree, the Ph.D. or the D.Sc., which is awarded after specialized research including a thesis. Doctoral candidates must have achieved very good results in the preceding stage.

Degree Programs

Undergraduate Degree Programs

In Israel, many bachelor's degree programs can be completed in three years at a university and in four years at a college. However, overseas students are often required to take a one-year preparatory program (*mechina*) prior to being admitted to an accredited program.

Students are accepted directly to specific departments from commencement of their academic studies. In most cases, they select two majors, which are studied exclusively.

Unlike the U.S., where students wishing to pursue certain professional studies (e.g. Law, Medicine, Dentistry) must first complete a prescribed number of years of undergraduate study, in Israel professional education usually commences in the first year. These programs, of course, require more than three years of study, as well as a period of practical experience or an internship.

Admission Requirements

The basic requirements for admission to bachelor's degree programs are as follows:

- *Secondary school diploma* – Israeli matriculation certificate (*bagrut*) or its equivalent.
- *Psychometric entrance examination* – usually the National Institute of Testing and Evaluation (NITE) Psychometric Entrance Test or the U.S. Scholastic Aptitude Test (SAT).
- *Hebrew proficiency* – sufficient knowledge of Hebrew to participate in regular studies, in accordance with the criteria set by the particular university and department.

Certain institutions and departments have additional requirements, e.g. personal interviews or additional tests. Israeli citizenship is required of those accepted to Medicine, Dentistry, Veterinary Medicine, Physiotherapy, and Communication Disorders. Selective faculties and departments, such as Medicine, Dentistry, Law, Psychology, Engineering and Pharmacy have relatively high admission requirements.

Secondary School Diploma: In certain countries, the secondary school diploma awarded is equivalent to the Israeli matriculation certificate, for example, the Australian HSC and the English GCE (at least two "A" levels and three "O" levels).

In general, candidates from countries whose diploma is not equivalent can be considered for university admission if they have successfully completed one year of university study abroad or

a pre-academic preparatory program at an Israeli university.

Psychometric Entrance Examination: The Psychometric Entrance Test is administered by the Israeli National Institute for Testing and Evaluation (NITE). The results are valid for five academic years following the date of examination. One may take the test an unlimited number of times, provided that at least ten months have elapsed since the previous test. Results are reported to the examinees and to all the institutions to which the examinee has applied, unless he or she specifically requests otherwise.

The examination is administered in several languages: Hebrew, Arabic, English, French, Russian, and Spanish. A special version is available for examinees whose native language is not one of the above. In this version the questions appear in both Hebrew and English, and difficult terms are translated into additional languages.

The Psychometric Entrance Test is also given once a year in several central locations throughout the world. For information, contact the NITE Coordinator of Overseas Exams, P.O.B. 26015, 91260 Jerusalem, Israel, or the nearest *shaliach*.

The examination is a battery of tests, which measure scholastic abilities utilized in academic frameworks. The domains tested are verbal reasoning, quantitative reasoning and English.

Verbal reasoning items test verbal skills and abilities needed for academic studies: the ability to analyze and understand complex written material, the ability to think clearly and systematically, and the ability to perceive fine distinctions in meaning among words and concepts. Quantitative reasoning items test the ability to use numbers and mathematical concepts to solve problems, and the ability to analyze information presented in different forms, such as graphs, tables and charts. These questions examine mathematical reasoning abilities rather than mathematical knowledge; hence only a relatively elementary knowledge of mathematics is necessary. Items in English test the skills involved in understanding academic-level texts in English.

Hebrew Proficiency: Unless a student speaks, reads and writes Hebrew well enough to participate in regular studies, he or she is generally required to take an intensive Hebrew language course (*ulpan*), which is usually held on campus during the two months preceding the opening of the academic year. A student with no prior knowledge of Hebrew should not expect to reach a sufficient level of proficiency by the end of such a course.

Several additional programs are available to help students improve their Hebrew proficiency. In the preparatory programs, Hebrew is studied 10-15 hours per week. There are also special *kibbutz ulpanim* for prospective students, lasting four or five months and providing 20-25 hours of Hebrew study per week.

Students with a good knowledge of Hebrew whose matriculation certificate (or high school diploma) is considered by Israeli institutions of higher education to be equivalent to the Israeli matriculation certificate (*bagrut*) may apply directly for admission to regular degree studies.

Graduate Degree Programs

Graduate programs in Israel lead to the master's and doctoral degrees. A master's degree program usually extends over a period of two years, while a doctoral degree usually requires a minimum of two additional years of study beyond the master's degree. Seven universities have been authorized by the Council for Higher Education to award master's and doctoral degrees, though some offer only a limited number of fields of study at the graduate level (for further information, see Table 1: Fields of Study).

Master's Degree Programs

Master's degree programs are designed to provide the student with in-depth knowledge and research capabilities in a particular field. The requirements for admission to master's degree programs at Israeli universities are similar to those of Western universities. Generally, a "B" average is required; however, some departments require a higher average in one's major field, while others may conditionally accept students with lower

grades. In some cases, special tests (e.g. GRE, GMAT) and/or personal interviews are required. An adequate knowledge of Hebrew for class participation is necessary. An *ulpan* may be taken prior to the opening of the academic year.

Many departments offer two trends. One requires a master's thesis and allows students to pursue doctoral studies in the department, while the other does not require a thesis and is designed for students who do not intend to pursue a doctorate in the department.

Most master's degree programs take at least two years to complete. Since undergraduate studies in Israel are highly specialized, most students who earned their bachelor's degree abroad are required to take supplementary courses prior to or in conjunction with their regular graduate studies.

Doctoral Degree

The doctorate represents the highest level of academic achievement within the Israeli educational system. The doctoral program focuses on a scientific thesis or dissertation which is expected to make an original, significant contribution to the advancement of knowledge. The various doctoral degrees awarded in Israel are listed in Table 1, but the Doctor of Philosophy (Ph.D.) is by far the most common. Seven universities have been authorized by the Council for Higher Education to award this degree. Doctoral programs extend over a minimum of two years after completion of the master's degree.

Admission Requirements: Applicants to doctoral programs normally must have a master's degree from a recognized university with a grade average of at least "B" or "Good" in master's level course work and a thesis grade of "Very Good." Applicants from departments offering two programs toward the master's degree are required to have completed the trend which requires a master's thesis. At the discretion of university doctoral committees, applicants who do not meet normal admission criteria but appear to be able to meet the requisite standard within one year may be admitted provisionally. Provisional candidates follow a prescribed program of supplementary studies for one year, after which time the qualifications of the applicant are re-evaluated. Previous scientific work, research, and publications are taken into consideration.

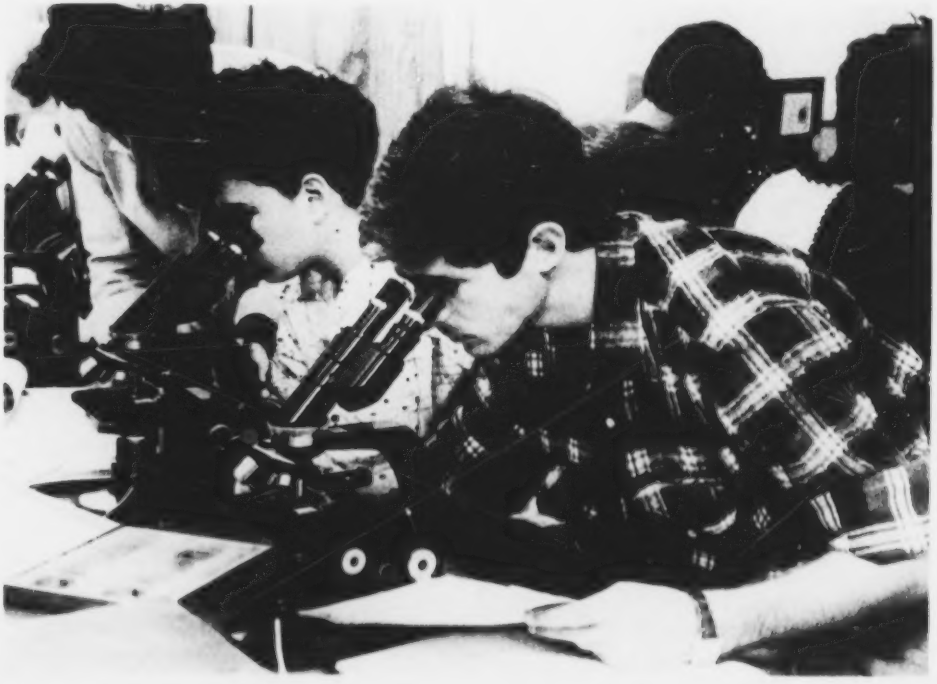
The Direct Doctoral Degree Program is intended for exceptional students who have a bachelor's degree with a grade average of at least 90 ("A") in the area of their intended doctorate and an average of at least 80 ("B")in other course work. The first year of the program is an accelerated master's program. If high achievement is maintained, the student may bypass the second year of the master's program and proceed directly to doctoral studies.

Program Structure: Requirements for the doctorate are regulated by individual university doctoral committees, which operate in conjunction with the university department and/or faculty through which the degree will be recommended. As a result, program structure varies slightly from institution to institution and from department to department. In general, doctoral programs comprise course work, a language requirement, and focus on original research conducted within the framework of the department.

Within six months of being accepted into a program, the student must seek out a senior faculty member to supervise the research and dissertation. A research proposal must be submitted to and approved by the university doctoral committee. While the research is usually carried out through the university department, under certain circumstances it may be conducted in part or in its entirety at another scientific institution in Israel or abroad. During the course of the program, students meet with their advisor, submit written progress reports, and present a lecture to a research seminar or a similar forum. The dissertation is evaluated by a committee of three, one of whom is the advisor. The written evaluation submitted by the committee serves as the basis for awarding the degree. The dissertation is normally written in Hebrew, although special permission may be granted for its submission in another language. Course work is generally required. Some institutions do not specifically require registration in courses but assume student attendance and participation in courses which have been determined in consultation with the advisor.

Diploma Studies

The institutions of higher education offer a variety of non-degree programs. In general, these programs require a bachelor's degree, and upon completion a diploma or certificate is awarded. Information about diploma programs can be found in publications of the institutions. Credit towards an academic degree is generally not granted for courses in these programs. Prospective candidates are advised to inquire into the nature of the program in which they are interested, including the possibility of earning graduate credits, by directly contacting the institution offering the program or the Secretariat of the Council for Higher Education, POB 4037, 91040 Jerusalem.



Special Programs for Overseas Students

One Year/One Semester Programs for Visiting Students

The following universities offer special programs lasting one year and/or one semester for students from abroad who wish to study in Israel: University of Haifa, Tel Aviv University, Hebrew University of Jerusalem, Bar-Ilan University, Ben-Gurion University of the Negev, and Technion-Israel Institute of Technology. The programs, built around a core of courses bearing academic credit, are designed for students enrolled in degree programs at universities abroad. Most universities in the United States and Canada accept credit earned within the framework of these programs. Students are advised, however, to consult with the academic authorities of their home university about transferring credit before applying to a specific program.

Each program is characterized by nuances and distinct approaches, based in part on the specific university's strengths and on the size of the program. The fields of study and specialization offered also vary from university to university. An intensive Hebrew language course (*ulpan*) is generally offered prior to commencement of a year/semester program. Some universities require students to enroll in the ulpan, while others recommend participation.

Prospective students are encouraged to review the descriptions of each university's programs before deciding which is best suited to their individual needs and interests.

Admission Requirements

Admission to visiting student programs is based largely on an evaluation of the student's academic record (i.e. transcripts) and letters of recommendation. An interview may be required. Admission is generally open to high school graduates and undergraduates; however, the One Year Program at the Hebrew University and the programs at the University of Haifa are open only to candidates who have completed at least one academic year at an accredited college or university (this may vary for Canadian students).

Language of Instruction

English is the language of instruction for all major one year and semester programs. Some courses, however, are offered in easy Hebrew. Students with a sufficient knowledge of Hebrew may take regular university courses together with Israeli students.

Curriculum

The visiting student programs at Israel's universities offer students a broad academic experience in the humanities, social sciences and natural

sciences. Courses are taught by university faculty members and include, but are not limited to, the following fields: Middle East studies; Jewish studies; religious studies; Israeli history, politics and geography; linguistics; literature; political science and international relations; archaeology; economics; psychology; sociology; desert studies; oceanography and maritime studies. Intensive Hebrew language courses are offered at all of the universities, as well. Many courses are supplemented by experience in the field in such areas as archaeology, Middle East studies, social work, and urban studies. High-level instruction and a caring attitude on the part of the staff characterize all of the programs.

Extracurricular Activities

In an effort to make each student's stay in Israel a well-rounded experience and to help students become acquainted with both life in Israel and the land itself, all of Israel's universities offer a rich program of extracurricular activities, such as field trips to places of interest, hikes throughout the country and evening lectures on topics of current interest. Special activities which have been offered by some of the universities include instruction in rock rappeling, scuba-diving, and horseback riding as well as seminars at Israel's world class museums. Sports and recreation facilities are available at all of the universities. A trained, professional staff of student counselors (*madrichim*) oversees the extracurricular activities and provides students with a support system of informal counseling, advice, and assistance in all areas of student life.

In addition, the Israel Student Authority sponsors inter-university weekend seminars and leadership training programs on topics of Israeli, Zionist and Jewish interest. These events provide an opportunity for students from all one year/semester programs in Israel to meet each other and exchange ideas and experiences.

Graduate Programs

Israel's universities offer a number of frameworks for graduate study to overseas students. The programs of study vary, and students are advised to check each university's entry in this guide.

Summer Study

Most of the universities offer summer courses specially designed for overseas students. While the language of instruction is generally English, several programs are offered in Hebrew and in other languages. For further information, check each university's entry in this guide.

Preparatory Programs

The *mechina* (pl. *mechinot*) is a preparatory program designed to bridge the gap between different academic systems for students who intend to study at an institution of higher education in Israel. This year-long program is designed to improve the students' Hebrew and English language proficiency, provide them with a background in Jewish and Israeli studies and history, and prepare them for study in a specific faculty.

There are several kinds of *mechinot* for overseas students. Candidates are referred to the appropriate program, in accordance with their previous education and desired field of study, by the Student Authority or the institutions themselves. While the admission requirements vary from institution to institution, only students possessing a high school diploma or matriculation certificate entitling them to be admitted to an institution of higher education in their native country, or university students who have completed no more than one year of study, will be accepted. Some *mechinot* require a basic knowledge of Hebrew, which can be acquired during an *ulpan* prior to commencing the program. In addition, the NITE Psychometric Entrance Test and/or an admission examination may be required.

Mechinot in universities and colleges throughout the country prepare students for studies in the following areas: humanities, sciences, social sciences, engineering, practical engineering, and education. The *mechina* offers the overseas stu-

dent an unhurried introduction to Israel, including the educational opportunities available in the country. During the preparatory year students can acquire an understanding of the spirit and mood of the people and become accustomed to life in Israel. Vocational counseling and guidance from qualified personnel are available during the program. Numerous opportunities, both formal and informal, to learn more about Israel and to explore the meaning of Jewish identity in a contemporary framework are provided. During vacations there are also opportunities to travel around the country, participate in specially planned seminars, live on a kibbutz, or study in a yeshiva.

Participation in a *mechina* does not guarantee admission to any institution of higher education as a regular student. *Mechina* students must apply to the institution(s) of their choice according to the regular application procedures.

It should be noted that a student with a good knowledge of Hebrew, whose matriculation certificate or high school diploma is considered by Israeli institutions of higher education to be equivalent to the Israeli matriculation certificate (*bagrut*), and who has obtained the required score on the psychometric test may apply directly for admission to regular studies. A student with the equivalent of an Israeli matriculation certificate who does not know Hebrew may spend from five months to a year in Israel learning Hebrew at a city *ulpan* or a *kibbutz ulpan*. During this period, the student can submit applications to universities for admission to regular degree studies and take the NITE Psychometric Entrance Test.

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Academic Institutions and Fields of Study

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Institutions of Higher Education in Israel

The following is a list of the institutions of higher education in Israel which have received recognition from the Council for Higher Education and are authorized by the Council to award academic degrees. Some of these institutions have overall authority to award degrees, while others only have partial authorization.

Universities

Institution	Address	Telephone
The Hebrew University of Jerusalem	Mount Scopus, 91905 Jerusalem	(02) 882111
The Technion – Israel Institute of Technology	Technion City, 32000 Haifa	(04) 292111
Tel Aviv University	Ramat Aviv, 69978 Tel Aviv	(03) 5450111
Bar-Ilan University	52900 Ramat Gan	(03) 5318111
University of Haifa	Mount Carmel, 31999 Haifa	(04) 240111
Ben-Gurion University of the Negev	84105 Beer Sheba	(057) 461111
The Weizmann Institute of Science[1]	76100, Rehovot	(08) 342111
The Open University of Israel	POB 39328, Tel Aviv	(03) 6460460

Other Academic Institutions

Bezalel Academy of Arts and Design	POB 24046, Jerusalem	(02) 893333
The Jerusalem Rubin Academy of Music and Dance	Givat Ram, 91904 Jerusalem	(02) 636232
Jerusalem College of Technology	POB 16031, Jerusalem	(02) 751111
Shenkar College of Textile Technology and Fashion	12 Anna Frank St., 52526 Ramat Gan	(03) 7521133
Ruppin Institute of Agriculture	60960 Emek Hefer	(053) 685131
The College of Management – Academic Studies, Tel Aviv	POB 48068, Tel Aviv	(03) 6990446
The David Yellin Teachers College	POB 3578, Jerusalem	(02) 513111
Michlalah – Jerusalem College for Women	POB 16078, Jerusalem	(02) 422481
Beit Berl Teachers College	Post Beit Berl, 44905 Kfar Saba	(052) 906333
Levinsky Teachers College	POB 48130, Tel Aviv	(03) 6426162
The Zinman College of Physical Education at the Wingate Institute	Post Wingate, 42902 Netanya	(053) 29222
State Teachers College – Seminar Hakibbutzim	149 Namir Road, 62507 Tel Aviv	(03) 6902323
ORT Academic College for Teachers in Technology – Jerusalem	Givat Ram, 95435 Jerusalem	(02) 513141
Oranim – The School of Education of the Kibbutz Movement[2]	36910 Tivon	(04) 838811

[1] At the Weizmann Institute, only graduate studies toward the M.Sc. and Ph.D. are offered.

[2] This School was permitted to open and maintain an institution of higher education but has not yet been accredited and authorized to award an academic degree.

Regional Colleges Associated with Universities

Additional possibilities for academic studies exist in the regional colleges. Students may commence their studies at one of the academic programs in the colleges listed below, and subsequently complete their studies in the university that supervises the college. Admission requirements to the academic programs in the colleges are subject to the supervising university's regulations (even though it is often easier to be admitted to a regional college).

The following is a list of the regional colleges in which there are academic programs and pre-academic courses supervised by Israeli universities. The supervising university is listed in parentheses after each college. For information about the subjects taught at a particular college, contact the institution directly.

Regional Colleges *(Arranged geographically, from north to south)*	**Address**	**Telephone**
Tel-Hai (University of Haifa)	Mobile Post Galil Elyon 12210	(06) 943731
Jordan Valley – Tzemach (Bar- Ilan University)	Mobile Post Jordan Valley 15132	(06) 757650
The Max Stern College (University of Haifa)	Mobile Post Jezreel Valley 19300	(06) 592262
Western Galilee – "Yad Natan" College (Open University)	Mobile Post Ashrat 25200	(04) 811922
Menashe College (Tel Aviv University)	POB 2094, Hadera	(06) 322720
The College of Judea and Samaria (Bar-Ilan University)	POB 3, Ariel	(03) 9366470
Achva – Beer Tuvia (Open University)	Mobile Post Shekmim 79800	(08) 581970
Sapir College of the Negev (Ben-Gurion University of the Negev)	Mobile Post Hof Ashkelon 79165	(051) 802783
Eilat (Ben-Gurion University of the Negev)	POB 1301, Eilat	(059) 32446

*Academic Degrees Awarded by the Institutions of Higher Education in Israel**

Undergraduate Degrees	
B.A.	Bachelor of Arts
B.A.Mus.	Bachelor of Arts in Music
B.Arch.	Bachelor of Architecture
B.F.A.	Bachelor of Fine Arts
LL.B.	Bachelor of Law
B.Sc.	Bachelor of Science
B.Sc.Agr.	Bachelor of Science in Agriculture
B.Sc.Nut.	Bachelor of Science in Nutrition
B.Sc.Tech.	Bachelor of Science in Technology Education
B.Med.Sc.	Bachelor of Medical Sciences
B.S.N.	Bachelor of Nursing Sciences
B.Nur.	Bachelor of Nursing
B.O.T.	Bachelor of Occupational Therapy
B.P.T.	Bachelor of Physiotherapy
B.Pharm.	Bachelor of Pharmacy
B.S.W.	Bachelor of Social Work
B.Mus.	Bachelor of Music
B.Tech. & App.Sc.	Bachelor of Technology and Applied Science
B.Tech.(Tex.)	Bachelor of Textile Technology
B.Des.(Tex.)	Bachelor of Textile Design
B.Des.(Fash.)	Bachelor of Fashion Design
B.Ed.	Bachelor of Education
B.Ed.Mus.	Bachelor of Music Education
B.Ed.Tech.	Bachelor of Education in Technology
B.E.M.	Bachelor of Economy & Management of Communal Settlements
B.B.	Bachelor of Business

Graduate Degrees	
M.A.	Master of Arts
M.A.Mus.	Master of Arts in Music
M.Mus.	Master of Music
M.F.A.	Master of Fine Arts
LL.M.	Master of Law
M.Sc.	Master of Science
M.Sc.Agr.	Master of Science in Agriculture
M.Sc.Arch.	Master of Science in Architecture
M.Sc.Pharm.	Master of Science in Pharmacy
M.Sc.Tech.	Master of Science in Technology
M.E.	Master of Engineering
M.S.W.	Master of Social Work
M.P.H.	Master of Public Health
M.H.A.	Master of Health Systems Management
M.B.A.	Master of Business Administration
M.L.S.	Master of Library Science
Ph.D.	Doctor of Philosophy
D.Sc.	Doctor of Science
M.D.	Doctor of Medicine
D.M.D.	Doctor of Dental Medicine
D.V.M.	Doctor of Veterinary Medicine
LL.D.	Doctor of Laws
J.S.D.	Doctor of Jurisprudence

*For further information, see Tables 1 and 2.

Universities

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The Hebrew University of Jerusalem

MOUNT SCOPUS, 91905 JERUSALEM; TEL. (02) 882111, FAX (02) 322545

In July 1918, the foundation stone of the Hebrew University of Jerusalem was laid on Mount Scopus by Dr. Chaim Weizmann. The University was officially opened in 1925, when the first Board of Governors, composed of leading figures such as Sigmund Freud, Martin Buber, and Albert Einstein, expressed their threefold objective for the new university: to be an internationally respected institution of higher learning and research; to play a prominent role in the development of the Jewish state; and to be the University of the Jewish People. From the nucleus of three research institutes that existed in 1925 – Chemistry, Microbiology, and Jewish Studies – the Hebrew University has grown into a multidisciplinary institution spreading over four campuses at Mount Scopus, Givat Ram, Ein Kerem, and Rehovot.

On Mount Scopus (rebuilt after the reunification of Jerusalem in 1967) are the Faculty of Humanities, School of Education, Faculty of Social Sciences, Jerusalem School of Business Administration, Faculty of Law, Baerwald School of Social Work, Hadassah-Hebrew University School of Occupational Therapy, Rothberg School for Overseas Students, Saltiel Center for Pre-Academic Studies, Truman Institute for the Advancement of Peace, Buber Adult Education Institute, and Bloomfield Central Library for the Humanities and Social Sciences.

Located on Givat Ram are the Faculty of Science, Graduate School of Applied Science and Technology, Graduate School of Library and Archive Studies, Institute for Advanced Studies, Jewish National and University Library (with the largest collection of Judaica and Hebraica in the world), and Harman Science Library.

Medical Sciences are at Ein Kerem, in the Hadassah-Hebrew University Medical Center, which houses the Faculty of Medicine, including the Schools of Medicine, Pharmacy, Nursing, and Public Health and Community Medicine, and the Faculty of Dental Medicine.

The Faculty of Agriculture, including the School of Nutritional Sciences and Koret School of Veterinary Medicine, is located 55 kilometers outside of Jerusalem, in Rehovot.

Because the Hebrew University is open to every academically qualified applicant, its student body is diverse and includes a cross-section of Israel's population – from city, village and farm; native Israelis and immigrants from every part of the world; Jews, Christians, Moslems, and Druze – and has a male-female ratio of 50:50. In fulfilling its objective to be the University of the Jewish People, the University takes a particular interest in both visiting students from abroad and immigrant students.

Overseas students have attended the Hebrew University since its earliest days. Special programs for overseas students were instituted in 1955 and continually expanded. In 1971 the School for Overseas Students was opened in order to coordinate the various programs and activities for overseas students, to facilitate their integration into the academic and social fabric of the Hebrew University and Israeli society, to expand the scope of existing programs and to develop new ones. On its tenth anniversary in 1981, the School was dedicated as the Rothberg School for Overseas Students.

With 2,500 research projects in progress today, the University is the largest center of research on the Israeli university scene. Both theoretical and applied, the work ranges over the frontiers of science from microbiology and biotechnology to astrophysics, from cancer immunology to tropical medicine, from solar energy to quantum chemistry, from cytogenetics to cybernetics, and over the whole spectrum of study in the humanities, social sciences, and law.

Since the foundation of the Institute of Jewish Studies, the University has been the world center for the flourishing of Jewish studies which has occurred in this generation. Likewise, the Hebrew University is a world-recognized center for Arab and Islamic studies and biblical and post-biblical archaeology; neither has it neglected other areas of the humanities, such as history and the fine arts.

The University and its scientists have been deeply involved in every phase of Israel's national development, including groundwater development, the conquest of endemic diseases, the building up of Israel's biomedical research services, learning how to come to terms with an arid environment, and the development of Israel's technology-oriented agriculture and science-based industries.

The Hebrew University's social scientists have contributed greatly, through their teaching and research, to achieving a better understanding of and solutions to the many problems faced by a modernizing society such as Israel's in such areas as economic development and integration of ethnic groups of widely varying cultural, social, and economic backgrounds.

This combination of excellence in scholarship and teaching with special provisions for overseas and immigrant students makes the Hebrew University an ideal venue in Israel for such students. Depending upon their qualifications and interests, overseas students may take either the special programs offered by the Rothberg School for Overseas Students or regular university programs. All overseas students enrolled in regular programs benefit from the counseling services and additional Hebrew language instruction provided by the School. The School's academic advisory office assists in general academic orientation, program planning, and credit transfer.

The University has over 20,000 full-time students, including 5,500 graduate students, of whom 1,500 are doctoral candidates and 3,000 overseas students, and an additional 12,000 students in continuing education and extension courses.

Programs of Study

The Hebrew University offers programs of study in the following disciplines (see also Table 1: Fields of Study):

Faculty of Humanities
African Studies/History of Africa
American Studies
Ancient Semitic Languages
Arabic Language & Literature
Archaeology
Assyriology
Bible
Classics
Comparative Religion
Contemporary Jewry
East Asian Studies
Education
Egyptology
English Language & Literature
French Language & Literature
General & Comparative Literature
General Studies
German Language & Literature
Hebrew Language
Hebrew Literature
History
History of Art
History of the Jewish People
Indian, Iranian & Armenian Studies
Islamic & Middle Eastern Studies
Italian Language & Literature
Jewish Thought
Linguistics
Music (with Jerusalem Rubin Academy of Music)
Musicology
Philosophy
Romance Studies
Russian & Slavic Studies
Spanish & Latin American Studies
Talmud
Teaching Certificate
Theater Studies
Yiddish

Faculty of Social Sciences
Accounting
Business Administration
Communications
Demography
Economics
Geography
International Relations
Political Science
Psychology
Sociology & Anthropology
Statistics
Teaching Certificate
Urban & Regional Studies
Western European Studies

Faculty of Science
Analytical Chemistry
Applied Chemistry
Applied Physics
Atmospheric Sciences
Biochemistry
Biology
Biotechnology
Botany
Chemical Technology Management
Chemistry
Computer Science
Earth Sciences
Environmental Biology (Ecology)
Environmental Sciences
Genetics
Geology
Inorganic Chemistry
Mathematics
Microbiology
Oceanography
Organic Chemistry
Physical Chemistry
Physical Geography
Physics
Physiology
Polymer & Textile Chemistry
Science Teaching
Statistics
Theoretical Chemistry
Zoology

Faculty of Medicine
Basic Medical Sciences
Biotechnology
Family Medicine

Medicine
Neurobiology
Nursing
Occupational Therapy
Public Health
Pharmacy

Faculty of Dental Medicine

Faculty of Law
Criminology
Law

Faculty of Agriculture
Agricultural Botany
Agricultural Economics & Management
Animal Sciences
Biochemistry & Human Nutrition
Biotechnology
Field & Crop Growth
Food Sciences
Genetics & Hybrid Studies
Horticulture
Plant Protection
Nutritional Sciences
Soil & Water Sciences
Teaching Certificate
Veterinary Medicine

School of Social Work

School of Library and Archive Studies
Archive Studies
Library Science

Admission Requirements and Application Information

• Overseas students may apply to the regular three-year bachelor's degree program provided that they have successfully completed (a) a level of education equivalent to Israeli matriculation (*Bagrut*), *or* (b) one year of studies at an accredited college or university, *or* (c) one year of preparatory studies at a university in Israel. Official scholastic records (i.e. transcripts and diplomas) must be submitted.

• All faculties and schools require candidates for the first year of regular studies to demonstrate a certain level of achievement on the NITE Psychometric Entrance Test or the U.S. Scholastic Aptitude Test (SAT) for candidates to the first year of bachelor's degree programs. Candidates to the faculties of Medicine and Dental Medicine *must* submit Psychometric Entrance Test scores. In addition, candidates for undergraduate studies at all levels in Psychology, Business Administration, Economics and Accounting must submit scores.

• Candidates must demonstrate proficiency in the Hebrew language, generally by passing at least level *Gimmel* on the Hebrew Proficiency Examination (*B'hinat Rama*) or the Exemption Examination (*B'hinat P'tor*) of the Division of Hebrew Language Instruction of the Hebrew University, before their admission can be finalized. These examinations must be taken prior to the opening of the academic year (usually at the end of the Summer Ulpan in late September). Students who passed the *Behina Yerushalmit* given abroad or the Israeli *Bagrut* examination (2 units) are also exempt from Hebrew language study. The following departments require more advanced levels of Hebrew:

- Law, General and Comparative Literature, Yiddish (completion of level *Daleth*);
- Contemporary Jewry (completion of level *Heh*);
- Ancient Semitic Languages, Bible, Folklore (section studies), Hebrew Language, Hebrew Literature, History of the Jewish People, Jewish Thought, Talmud, Interdepartmental Hebrew Language/Literature, Interdepartmental Bible/History of the Jewish People (exemption level).

• Candidates must demonstrate proficiency in reading and understanding English language texts on the English subsection of the Pschometric Entrance Test. Candidates who have completed a full course of study in an educational institution where the language of instruction is English are exempt from this requirement.

• In certain cases a personal interview is required.

• The following departments require special entrance examinations: Arabic Language and Literature, French Language and Literature, German Language and Literature, Musicology, Occupational Therapy, Psychology (M.A.), and Educational Psychology trend (M.A.) in Education. Candidates for the latter two programs who are unable to take the examination in Hebrew should take the Graduate Record Examination (GRE) General and Psychology tests instead.

• Candidates for graduate programs must possess a bachelor's degree from a recognized university or college.

• Candidates for graduate programs must have attained at least a B ("Good") average in their undergraduate studies (USA, Canada) or an Honours Degree Second Class, Upper Division (United Kingdom, South Africa, Australia).

• Only candidates who choose a department which is a direct continuation of their undergraduate studies can expect to be admitted directly to a graduate program. In many cases, the faculty or department may require students to take supplementary courses, which may extend over a year, before commencing graduate studies.

• Candidates for Veterinary Medicine must have completed a minimum of two years (1400 hours) of university-level studies in Agriculture, Biology, Medicine, Dental Medicine or Pharmacy, with an average grade of at least "Good." These studies must have included at least 150 hours each of Biology and Chemistry, 120 hours of Human and/or Animal Physiology, 90 hours of Biochemistry, 80 hours each of Mathematics and Physics, 60 hours of Microbiology, and 45 hours of Statistics. Candidates must be exempt from English-language study.

• Candidates for Medicine, Dental Medicine, and Occupational Therapy must be in Israel when applying and during the entire admissions process.

• Candidates accepted to study Medicine, Dental Medicine, and Veterinary Medicine must become citizens of Israel before finalizing their registration.

• All applications are considered on an individual basis.

• Students requesting advanced standing on the basis of previous university studies are advised to submit detailed syllabus material with their applications. In many cases, differences in curriculum organization and content will necessitate supplementary studies.

• There are no special arrangements for deferred admissions. Acceptance letters are valid only for the year issued, and even though standards of admission tend to be similar from year to year, candidates must reapply.

The Office of Overseas Students Admissions

The Office of Overseas Students Admissions processes applications for all Hebrew University programs (except for Summer Courses, doctoral studies, and continuing studies) when the applicant's qualifications are based on academic work abroad. The office is authorized to evaluate for-

eign academic records and to standardize admission criteria. For specific information on document equivalency, candidates should contact the office directly. The office is specially designed to advise students from abroad, new immigrants and visitors alike, regarding their academic prospects at the Hebrew University, and to ease any difficulties involving academic absorption.

Candidates apply through the Office of Overseas Students Admissions or one of its affiliated offices (see addresses at end of chapter). A student is not considered for admission until an official Hebrew University application form has been received together with the other credentials listed on the application.

Undergraduate Studies

The program of studies for a bachelor's degree usually extends over a period of three years; in Law and Pharmacy, three-and-a-half years; and in Nursing, four years.

The Faculty of Humanities offers three types of study programs: (1) dual-major, (2) one major and general studies, and (3) single-major. In the dual-major program, study is concentrated in two departments. In the one major and general studies program, study is concentrated in one department and the student also takes a variety of courses offered by departments of the Humanities, Social Sciences, and Science faculties. In the single-major program, study is concentrated in one department and complementary courses are taken in other departments. The single-major option is not available in all of the departments and is available only from the second year of study.

The Faculty of Social Sciences offers bachelor's degree studies in either a single-major or dual-major program. In the dual-major program study is concentrated in two departments, while in the single-major program it is concentrated in one department and complementary course work is done in other departments. The single-major option is not offered in all of the departments and is available only from the second year of study.

The Faculty of Science offers studies in the framework of divisions, which include one or more departments and basic related studies and/or complementary fields.

In the Faculty of Agriculture studies are conducted in the framework of the departments. Students may study in one department only. Students who choose the Agricultural Economics and Administration section must combine these studies with departmental studies.

The other faculties/schools offer a fixed program of studies to all students.

"Amirim" Program to Encourage Excellence

The University offers a special program for outstanding students in the faculties of Science, Humanities, Social Sciences, and Agriculture. The program is extremely selective, accepting only about 15-20 students per faculty. It is designed to enable these students to fully employ their abilities by intensifying and expanding their studies, as well as to accelerate their progress toward advanced degrees.

Students accepted to the "Amirim" program will be entitled to an exemption from tuition fees provided they attain the required eligibility cut-off point, are new students in the first year of studies at the University and carry a full course load.

Teaching Certificate Studies

Studies toward a secondary school teaching certificate are conducted in areas of Humanities, Social Sciences, and Science. In the Faculty of Agriculture, studies toward a teaching certificate are offered jointly with the School of Education. A teaching certificate for Jewish day schools in the Diaspora is awarded in conjunction with the Center for Jewish Education in the Diaspora and the Institute of Contemporary Jewry.

Studies toward a teaching certificate, which generally begin in the third year of undergraduate studies, include general education courses and courses appropriate for the student's major.

Graduate Studies

Studies toward the master's degree usually extend over a period of two years. In the faculties of Humanities, Social Sciences, Science, and Agriculture, studies toward a degree are offered on a departmental basis. Graduate degree programs are also offered in the School of Social Work, the School of Library and Archive Studies, the Faculty of Law, the Institute of Criminology, the Faculty of Dental Medicine, and in the Faculty of Medicine in Basic Medical Sciences, Public Health, Neurobiology, Pharmacy and Biotechnology (a joint department of the faculties of Science, Medicine and Agriculture).

Certificate Studies
Advanced studies, after completion of the bachelor's degree, leading to a Certificate, are offered in the following areas: Polymer and Textile Chemistry (School of Applied Science and Technology); Criminology (Faculty of Law); Library and Archive Studies (Graduate School of Library and Archive Studies); the Schwartz Program for Training Directors and Senior Personnel for Community Centers and Early Childhood Day Care Centers (School of Social Work); Family Medicine – for Ph.D.s only (Faculty of Medicine); and the Hebrew Language – Editing and Public Speaking (Faculty of Humanities). Not all of the programs offer academic credit towards a graduate degree.

Doctor of Medicine and Doctor of Dental Medicine
Studies in Medicine and Dental Medicine extend over a period of six years for a degree of Doctor of Medicine or Doctor of Dental Medicine. Medical students must complete a year of internship following the six years of studies.

Doctor of Veterinary Medicine
Veterinary studies are offered in the framework of the Faculty of Agriculture and extend over four years.

Doctor of Philosophy and Doctor of Laws
Studies for the doctoral degree extend over a period of at least two years. The program focuses on the doctoral candidates' original research dissertation carried out within the framework of a University department. Candidates must generally have completed their master's degree.

A direct doctoral program is open to candidates who have completed their bachelor's degree with exceptional achievements. Students from abroad who wish to apply to the direct doctoral program apply officially to the master's program. A separate departmental decision regarding the candidate's request to be accepted to the direct doctoral program will be made after admission to the master's program. Students who fulfill this condition may register as research students.

Students interested in doctoral study should write to the Committee for Research Students, P.O.B. 1255, 91904 Jerusalem.

Programs for Overseas Students

The Rothberg School for Overseas Students offers the following programs of study to qualified students:

The Four Year/Preparatory Program
The Four Year/Preparatory Program prepares secondary school graduates from abroad for regular undergraduate studies at the Hebrew University and other Israeli institutions of higher education. The first year of study in the program is offered at the Rothberg School for Overseas Students. Upon completion of the year, students who meet the general Hebrew University and specific faculty and/or departmental admission requirements may continue to study at the University for another three years in pursuit of their bachelor's degree.

Two trends are available: Humanities/Social Sciences and Mathematics/Science. Two alternate sessions of study are offered for each trend: one commencing in August and the other in February. Both sessions open with an intensive Hebrew language course (*Ulpan*). The latter session is intended for students who have some prior knowledge of Hebrew and English.

Courses are offered in Hebrew, English, French, Spanish and Russian. Introductory courses in the Humanities and Social Sciences and courses in Mathematics and Science are taught in Hebrew during the second semester; credit is granted by the appropriate faculties/departments at the Hebrew University for these courses.

Admission Requirements: Applications are considered on an individual basis. Admission is based on the candidate's complete secondary school record and scores on either the NITE Psychometric Entrance Test or the Scholastic Aptitude Test (SAT).

The Freshman Program

The Freshman Program is designed primarily for students from North America who have completed high school abroad and wish to come to Israel for a year of study. The program includes courses in Hebrew, Jewish and Israel studies, and introductory courses in the Humanities, Social Sciences and Science. Upon completion of the program, participants generally return to their home country for further studies or apply for admission as regular degree students at an Israeli university. They will usually be admitted to North American universities as sophomores.

The One Year Program

The One Year Program is designed to provide visiting undergraduate and graduate students with a diversified academic experience at the Hebrew University, while earning credits which may be transferred to their home college or university. Most of the courses fall under the wider disciplines of the Humanities and Social Sciences, and may provide credit in such departments as Jewish Studies, Middle East Studies, Archaeology, History, Linguistics, Literature, Philosophy, Russian Studies, Economics, International Relations, Political Science, Psychology, Religious Studies, Sociology and Urban Studies. Qualified students may engage in independent study, under the supervision of an instructor.

Most courses in the program are offered in English, with a few given in Hebrew. Students with sufficient proficiency in Hebrew are encouraged to attend regular classes in the faculties of Humanities, Social Sciences, and Science.

Admission Requirements: Candidates must have completed at least one year at an accredited college or university with at least a "B" average. Some Canadian students must fulfill special admission requirements, such as two years of CEGEP (PQ – completion of DEC) or six Grade 13 or Ontario Academic courses (OAC). Prior knowledge of Hebrew is not a prerequisite.

Graduate Division: Students who hold a bachelor's and/or master's degree from abroad may study one year at the Hebrew University in one of the following capacities:

- Visiting Student – a student who holds a bachelor's degree.
- Visiting Graduate Student – a student enrolled in a master's degree program abroad.
- Visiting Research Student – a student enrolled in a doctoral program abroad.

Students accepted as Visiting Graduate or Research students are allowed relative freedom in drawing up their programs, but their status does not guarantee admission to any particular course.

The Institute of Life Sciences, through the One Year Program, offers supervised visiting research opportunities for English-speaking graduate students in the areas of biological chemistry, botany, developmental biology, ecology, genetics, neurobiology and zoology.

Semester Programs in Jewish and Israel Studies

Two special semester programs in Jewish and Israel Studies are offered to qualified high school graduates: the "Nativ" Program in the fall semester and the British and Australian Semester Program in Jewish and Israel Studies (BASP) in the spring.

The Nativ Program is specially designed for North American students belonging to United Syna-

gogue Youth (USY) who are attending the year-long Nativ Leadership Training Institute in Israel. The students study at the Hebrew University during the fall semester, while participating in various cultural and social activities within Nativ. The remainder of the academic year is spent working and studying on a kibbutz.

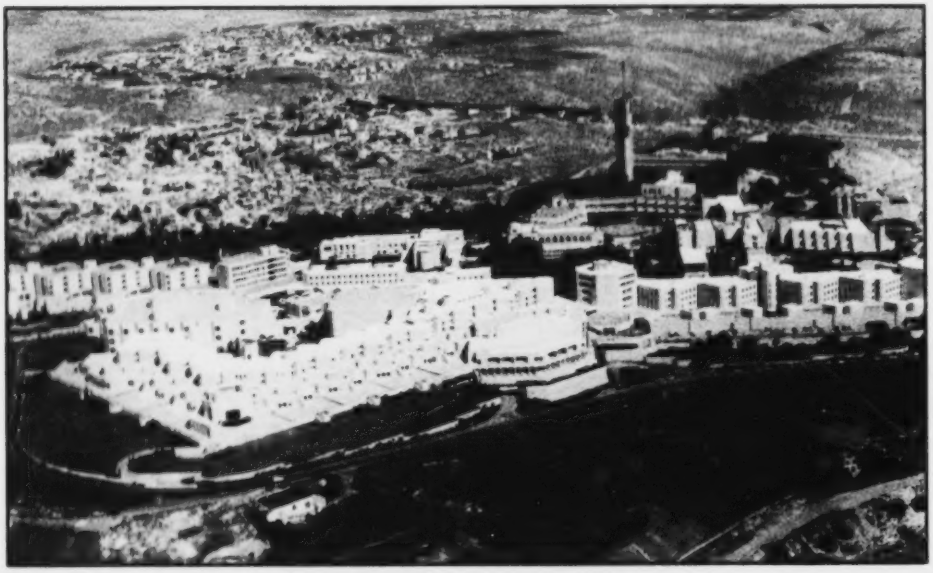
BASP is designed for matriculants who have successfully completed A-levels, HSC/VCE, or equivalent matriculation examinations. The program strives to foster a better understanding of Judaism, Jewish history, the Jewish people and the State of Israel.

Summer/Winter Ulpan

The *Ulpan* is an intensive, full-time Hebrew language course designed to prepare new students for study at the Hebrew University. Classes are held on six levels, ranging from beginners to advanced. The courses concentrate on specific language skills and terminology and place particular emphasis on the reading of journal articles and scientific texts. The Summer Ulpan consists of approximately 200 hours of study and usually extends over a nine-week period in August-September. The Winter Ulpan consists of 100 hours and extends over a four-week period around February. Candidates not registered at the Hebrew University may apply to study as external students if they have completed at least one year of study at a recognized institution of higher education.

Summer Courses

Summer Courses provide visiting students with an academic program primarily in Judaic, Middle Eastern and Israel Studies. Language instruction is offered in Modern and Biblical Hebrew, Literary and Spoken Arabic, and Yiddish. Many courses include field trips to enhance the learning experience. Except for language courses, the language of instruction is English. Two sessions, each three weeks long, are held in July and August. Most of the language courses extend over both sessions. Summer Courses are open to visiting undergraduate and graduate students, as well as to adults with an academic background. Credits can generally be transferred to the student's home university or college.



The following programs are also offered by the Hebrew University to overseas students:

International Master of Public Health Program
The Hebrew University-Hadassah School of Public Health and Community Medicine offers a special international program, taught in English, leading to a Master of Public Health (M.P.H.) degree. The intensive program, which extends over twelve months, commences in late October. The overall objective of the course is to provide basic knowledge of the theory and practice of public health for workers either already engaged in one or another branch of this discipline or wishing to enter it in their future work.

For more information and application forms, contact the Coordinator, International M.P.H. Course, School of Public Health and Community Medicine, POB 1172, 91010 Jerusalem, Israel. Applications may also be obtained from Israeli diplomatic or consular representatives in the applicant's country of origin.

Samuel Mendel Melton Center for Jewish Education in the Diaspora
The Melton Center for Jewish Education in the Diaspora, established by the School of Education and Institute of Contemporary Jewry, represents the Hebrew University's commitment to the study and improvement of Jewish education around the world. In addition to its regular M.A. and Ph.D. programs, the Center offers two special programs for participants from abroad.

- The Senior Educators Program is designed for senior educators seeking to enrich their educational and Jewish backgrounds during a year of study at the Hebrew University. Proficiency in the Hebrew language is required.

- The Summer Institute for Jewish Educators brings together teachers, principals and community workers from all over the world to participate in seminars which enrich Judaic knowledge and impart didactic skills and classroom methods. Courses are offered in both Hebrew and English.

For further information and application forms, contact the Friends office in your country of origin (see addresses below) or the Melton Center for Jewish Education in the Diaspora, School of Education, the Hebrew University of Jerusalem, Mount Scopus, 91905 Jerusalem.

Division for External Studies of the Faculty of Agriculture
This division offers courses taught in English to holders of B.Sc. degrees or higher. Courses offered in the past include the following:

- Horticulture Crop Production in Subtropical and Tropical Climates (7 weeks)

- Workshop on Curriculum Development and Evaluation for Agricultural Schools and Institutions (3 weeks)

- International Post-Graduate Course in the Exploration, Exploitation and Management of Groundwater Resources (4 months)

Inquiries pertaining to these and other courses should be directed to the Coordinator, Division for External Studies, Faculty of Agriculture, POB 12, 76100 Rehovot, Israel; Tel: (08) 481285, Fax: 972-8-462181.

Student Life

Extracurricular Activities
For overseas students, attending the Hebrew University also offers another dimension: the chance to experience life in Israel, to become acquainted with Jerusalem, to delve into their Jewish roots, to encounter Israeli society at different levels. Extracurricular activities for overseas students are conducted by the Office of Student Activities of the School for Overseas Students, the Dean of Students Office, the Student Union, Beit Hillel and various other organizations. These activities include lectures, movies, weekend seminars, excursions, volunteer programs, etc.

The Cosell Center for Physical Education, Leisure and Health Promotion offers a wide variety of

sports, recreational and cultural activities. Facilities include an indoor swimming pool, tennis and squash courts, a modern physical fitness club, an outdoor stadium, athletic fields, gymnasiums, and a sports medicine unit. Outstanding athletes may join University teams, which participate in both national leagues and interuniversity and intramural events.

Religious Services

Houses of worship are located throughout Jerusalem. There is a synagogue on each campus, where daily and Sabbath services are held. The Beit Midrash program at the University's Hecht Synagogue, for the informal study of traditional sources, offers students from all backgrounds a unique opportunity to widen their Jewish horizons. Informal religious advising is available to members of all denominations. The Student Christian Forum serves as a chaplaincy for Christian students.

Housing

The Hebrew University dormitories can accommodate over 5,500 students. Single students admitted to programs at the Rothberg School for Overseas Students and first-year students from abroad who make their reservations on time are generally guaranteed dormitory space. Quarters for married students are limited. The University is currently in the process of renovating and building new dormitories. Kitchen facilities are available for light cooking. Moderately priced cafeterias, a supermarket, day-care center for students' children, bank, post office, laundry, and other facilities are available on campus.

Financial Aid

Overseas students who need financial aid should apply to the Friends of the Hebrew University in their home country, where their request will be reviewed.

For further information about programs at the Hebrew University, contact:

In Israel
Office of Overseas Students Admissions
Hebrew University of Jerusalem
Goldsmith Building, Mount Scopus
91905 Jerusalem, Israel
Tel.: (02) 882607; Fax: 972-2-827078

In the United States
Office of Academic Affairs
American Friends of the Hebrew University
11 East 69th Street
New York, NY 10021
Tel.: (212) 472-2288

In Canada
Canadian Friends of the Hebrew University
3080 Yonge Street, Suite 5024
Toronto, Ont.
M4N 3P4
Tel.: (416) 485-8000, 1-800-668-3956

In Great Britain
Friends of the Hebrew University
3 St. John's Wood Road
London NW8 8RB, England
Tel.: (071) 286-1176

In Australia and New Zealand
Australian Friends of the Hebrew University
584 St. Kilda Road
Melbourne, Victoria 3004
Tel.: (03) 529-4611

In South Africa
Friends of the Hebrew University
P.O. Box 4316
Johannesburg 2000
Tel.: (01) 333-6632, 333-6668

The Technion Israel Institute of Technology

TECHNION CITY, 32000 HAIFA; TEL. (04) 292111, FAX (04) 221581

The Technion – Israel Institute of Technology is Israel's most comprehensive technological university and ranks among the leading institutions of its kind in the Western world. The campus was officially opened in 1924, the first institute of higher education in Israel. The Technion has played and continues to play a vital role in Israel's growth and security as a major source of the country's scientists, engineers, managers, architects, and physicians. The Technion Research and Development Foundation is the largest applied research center in Israel. The Foundation offers consultative services to Israeli and foreign clients, including many private industries and governmental agencies.

The Technion City campus is located on the slopes of Mount Carmel in Haifa. The 300-acre site offers a commanding view of the Lower Galilee and the Haifa Bay area. There are more than 100 buildings on campus, housing the various departments, laboratories, and student facilities.

Current enrollment at the Technion is 7,000 undergraduates and 2,500 graduate students, spread over 19 faculties and departments. There are about 750 full-time academic staff members, from the rank of lecturer and above.

The Central Library system is the largest scientific and technological facility of its kind in Israel, containing 800,000 volumes and subscribing to 5,000 periodicals and yearbooks.

Programs of Study

The Technion offers programs of study in the following disciplines (see also Table 1: Fields of Study):

Aerospace Engineering
Agricultural Engineering
Applied Mathematics
Architecture and Town Planning

Behavioral Management Sciences
Biology
Biomedical Engineering
Building Sciences & Construction Management
Chemical Engineering
Chemistry
Civil Engineering
Computer Engineering
Computer Science
Economics
Education in Technology & Science
Electrical Engineering
Environmental Engineering
Food Engineering & Biotechnology
Geodetic Engineering
Hydraulic Engineering
Industrial Engineering
Industrial Engineering & Management
Industrial Management
Landscape Architecture
Management Sciences, Industrial Relations & Manpower Administration
Occupational Therapy (given jointly with the University of Haifa)
Materials Engineering
Mathematics
Mechanical Engineering
Medicine
Mineral Engineering
Nuclear Engineering
Operations Research
Physics
Soil & Highway Engineering
Soil Sciences
Statistics
Transportation Engineering
Urban & Regional Planning

Admission Requirements and Application Information

- A bachelor's degree candidate must hold either an Israeli matriculation certificate or an equivalent certificate from abroad, or successfully complete one year of preparatory studies at a university in Israel. Official scholastic records (i.e. transcripts and diplomas) must be submitted.

- Applicants must be at least 17-years old.

- They must possess a sound working knowledge of Hebrew by the commencement of their studies.

- All candidates must take the NITE Psychometric Entrance Test.

- Candidates must pass a qualifying examination in Mathematics given by NITE.

- Candidates for the Faculty of Architecture and Town Planning have to pass an examination in architectural skills given at the Technion in Haifa, in Hebrew only.

- The Faculty of Medicine requires a personal interview.

- The Israeli matriculation, psychometric, and competitive examination grades are combined to rate the candidate on a competitive scale.

The Technion functions on a two semester basis and admits students at the beginning of each semester: early in October and in February (except for the faculties of Medicine, Food Technology, Biology, and Architecture and Town Planning, where there is only one admission term in October). The Technion also offers some summer courses for credit.

Applications for the fall semester are processed from January through May and applications for the spring semester, from October through December of each year.

In view of the Technion's requirements, the overseas undergraduate candidate is advised to send a transcript of his or her high school record, listing courses taken and the grades received. On the basis of this record, the Technion will advise the candidate whether he or she can qualify for admission and on what terms, or suggest that he or she come to the Technion for a preparatory year of study.

Candidates must demonstrate a certain level of proficiency in Hebrew. Candidates who qualify in

all other respects are advised to come to Israel prior to commencement of the academic year to attend an ulpan to improve their Hebrew ability.

Undergraduate Studies

All students, irrespective of the field in which they ultimately specialize, take substantially similar courses during their first year, which is devoted to the study of the fundamental sciences. During the second year, the basic engineering subjects are studied. In their third and fourth years, students specialize in the field of their choice.

It generally takes three years to obtain a bachelor's degree in Mathematics, Physics, Chemistry, Biology, Economics and Management, Applied Mathematics, or Computer Science. A bachelor's degree in all branches of Engineering, as well as in Education in Technology and Sciences, and Landscape Architecture, usually requires four years; in Architecture and Town Planning, five years. Studies in Medicine toward an M.D. extend over six years, followed by one year of internship. However, under the credit system, students may complete their course of studies at their own pace.

Graduate Studies

Graduate studies at the Technion have been offered since 1948, and the Graduate School was officially established in 1956. Courses of study and research, leading to advanced academic degrees, are offered in virtually all of the Technion's faculties and departments. The degrees awarded are Master of Science (M.Sc.), Master of Science in Technology (M.Sc.Tech.), Master of Engineering (M.E.), Doctor of Science (D.Sc.). Since 1951, 5,936 M.Sc. degrees and 1,534 D.Sc. degrees have been conferred by the Technion.

Graduate studies for the degree of Master of Science provide the student with knowledge in a given field of science or engineering at a higher level than that of the undergraduate program of studies. This is accomplished by a combination of course work and preparing one of the following options: a high-quality research thesis, an engineering project or a final paper. The M.E. degree is available only in a limited number of fields and requires course work only.

The research or project for the master's degree can take various forms, according to the field. It can be theoretical or experimental, it can deal with pure or applied science, in which various phenomena are investigated, or with more practical matters, such as engineering design or the development of engineering or production processes. While in general the aim of research is to arrive at new knowledge, an important purpose of the research work is to teach the student the spirit and the methods of research.

The degree of Doctor of Science usually requires three years of full-time study. Students devote their time mainly to research, although they are expected to continue to participate in seminars in advanced subjects and to deepen their knowledge through course work and independent study. Within a year of the commencement of graduate work, there is a candidacy examination, the purpose of which is to have the candidate demonstrate his approach to his research problem, the methods of solution which he proposes, and his ability to pursue independent research.

The research performed by the candidate must be original, representing a significant contribution to human knowledge. At the conclusion of the research, the candidate submits a thesis. The final stage of graduate studies for the M.Sc. and D.Sc. degrees is the final examination which deals with the subject of the thesis and related matters.

Potential students whose achievements are excellent may apply for financial support from the Graduate School.

Programs for Overseas Students

Special Program for Overseas Students

A special program for Overseas Students is offered by three departments: Aerospace Engineering, Agricultural Engineering, and Industrial

Engineering and Management. The program is designed for undergraduate students who wish to spend their junior year at the Technion and earn credits transferable to their home universities. Students may enroll for either the winter or spring semester or for both.

All courses are given in English. In addition to courses in aerospace engineering, agricultural engineering, and industrial engineering and management, the program offers classes in the humanities, social sciences and Hebrew.

Students proficient in Hebrew may participate in regular courses offered at the Technion.

The Center for Pre-Academic Studies

The Center's program is intended to prepare students for entrance to the Technion. The fields of study include mathematics, physics, chemistry, English (if necessary), and Hebrew for new immigrants. In addition to classroom lessons, small group and individual tutoring sessions are held.

There are programs that last for six, eight, or ten months, depending on the student's qualifications. The final dates of the courses correspond to the entrance examination dates of the Technion. Admission requirements are twelve years of schooling, an examination in mathematics, and the NITE Psychometric Entrance Test.

Admission to the preparatory program does not guarantee admission to the Technion. In view of space limitations, qualifying examinations are competitive, and all students, native or foreign, must take them.

Student Life

The Technion offers a wide range of activities for students. Social life on campus includes movies, lectures, dances, and concerts from rock to classical music. Many extracurricular classes, from aerobics to yoga, are offered. The campus has a supermarket, restaurants, post office, bank, health clinic, dentist, bookstore, and other facilities. The Sports Center offers a variety of activities, such as scuba diving, tennis, swimming, horseback riding, fitness room, etc. The campus has an Olympic-size, heated, indoor swimming pool.

Academic counseling and psychological assistance are available.

More than 2000 students live on campus. A limited number of apartments for married couples are also available.

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Tel Aviv University

RAMAT AVIV, 69978 TEL AVIV; TEL. (03) 5450111, FAX (03) 6427556

Located in Israel's cultural, financial, and industrial heartland, Tel Aviv University is a major center of teaching and research, comprising nine faculties, with more than 90 departments and 65 research institutes. Its nucleus was formed in 1956, when three small educational units – the Tel Aviv School of Law and Economics, an Institute of Natural Sciences, and an Institute of Jewish Studies – joined together to form the University of Tel Aviv. At first attached to the Tel Aviv municipality, Tel Aviv University was accredited as an autonomous institution of higher education in 1963, and its campus in the northern residential section of Ramat Aviv was inaugurated the following year.

Some 20,000 students work toward undergraduate and graduate degrees, and more than 10,000 are enrolled in various non-academic programs. The original 170-acre campus has expanded to include an additional 50-acre tract, which is now being developed.

Tel Aviv University offers an extensive range of study programs in the arts and sciences, within its faculties of Engineering, Sciences, Life Sciences, Medicine, Humanities, Law, Social Sciences, Fine Arts, and Management.

Among its 1,700 faculty members are internationally renowned scientists who have made significant contributions to the advancement of knowledge in fields as diverse as particle physics, cell biology, biotechnology, genetics, and fiber optics, as well as in every area of the humanities, social sciences, and law.

Research institutes in the sciences focus on electronic devices and systems engineering, nuclear

research, petroleum and energy, computer sciences, superconductivity, solid state and theoretical physics, mathematical sciences, nature conservation, and cancer.

Medical research is conducted within the framework of institutes of oncology, physiological hygiene, human reproduction, epidemiology, environmental and occupational health, molecular medicine and others, as well as in 14 hospitals affiliated with the Sackler Faculty of Medicine.

In the humanities, law, management, the arts, and social sciences, Tel Aviv University has established, among others, institutes for research in Hebrew literature, German history, comparative and private international law, criminology, business management information systems, economics, urban and regional studies, and movement notation.

Tel Aviv University operates the only astronomical observatory in the Middle East. Its Cereal Crops Improvement Institute, with a unique germ plasm bank based on wild grain resources, has supplied improved varieties of seed to nations around the world. Among the University's extensive facilities are a research zoo that contains the largest collections of Middle East fauna in the world and botanic gardens with a unique laboratory for the study of roots.

The University offers the only training course in Israel for teachers of the hearing impaired, as well as the only available academic program in film and television. Another unique project, the Program for Excellence, fosters the potential of exceptionally gifted students. The Samuel Rubin Israel Academy of Music has on its faculty eminent composers and performing artists, and attracts top-level students from many parts of the world.

Tel Aviv University enjoys extensive research contacts with leading academic and scientific institutions abroad, including cooperation agreements with universities in North and South America, Europe and the Far East, as well as student exchange agreements with some twenty U.S. universities.

Cultural offerings on campus range from concerts and recitals sponsored by the Music Academy to exhibits at the Genia Schreiber University Art Gallery to public lectures by faculty and visiting scholars. The International Student Film Festival, organized by the Department of Film and Television, has become a successful biennial event. A full program of sports activities is available at the Elite Sports Center.

In addition to its basic functions of teaching and research, Tel Aviv University contributes its expertise to the welfare of society at large; plays a part in all aspects of national life; and addresses problems of regional and international significance. Its faculty members serve in the Knesset and the Cabinet, in professional organizations and public bodies. Students are encouraged to tutor disadvantaged children, volunteer services to the elderly, and aid the community through a variety of social involvement programs.

The Moshe Dayan Center for Middle Eastern and African Studies and the Jaffee Center for Strategic Studies have achieved prominence in their fields both in Israel and abroad. Research conducted by the Armand Hammer Fund for Economic Cooperation in the Middle East is of major potential significance for peace in the region.

Jewish studies play a central role at Tel Aviv University. The Chaim Rosenberg School for Jewish Studies conducts research in the Bible, Talmud, Hebrew language and literature, Jewish philosophy, and the history of the Jewish people. There are research institutes for the history of Romanian and Polish Jewry, Diaspora studies and Zionist history, and courses in Jewish law and research on the genetics of the Jewish people.

The Wiener Library, one of the world's largest collections on the Holocaust and anti-Semitism, offers an extensive store of research materials. And the Nahum Goldmann Museum of the Jewish Diaspora, located on campus, is a major attraction for Israelis and visitors alike.

Tel Aviv University has strong links with Jewish communities abroad, formulating curricula for

Jewish schools in Argentina, Mexico, and South Africa and offering programs of Jewish studies to teachers and students from overseas.

The Overseas Students Program provides young people from abroad with the opportunity to study at Tel Aviv University for a year, a semester, or a summer. The program, available in English and Spanish, offers a wide choice of courses.

Other study opportunities for students from abroad are a Graduate Program in Middle Eastern Studies sponsored by the Moshe Dayan Center for Middle Eastern and African Studies; the *Mechina* (Preparatory) Program for high school graduates wishing to enroll at Tel Aviv University; a Summer Law Program co-sponsored by Temple University Law School and the Tel Aviv University Faculty of Law; the Sackler School of Medicine New York State/American Program, a four-year M.D. program taught in English; and the Medical Electives Program.

Programs of Study

Tel Aviv University offers programs of study in the following disciplines (see also Table 1: Fields of Study).

Faculty of Humanities
Arabic Language & Literature
Archaeology & Ancient Near Eastern Cultures
Bible
Classics
Educational Sciences
English
French
General Studies Program in the Humanities
Geography
Hebrew Language
Hebrew Literature
History (General)
History of the Jewish People
History of the Middle East and Africa
Jewish Philosophy
Linguistics
Philosophy
Poetics & Comparative Literature
Talmud
Teaching Certificate
Training of Educational Personnel

Faculty of Visual and Performing Arts
Academy of Music
Film and Television
History of Art
Musicology
Theater Arts

Faculty of Management
Accounting
Business Administration
Health Systems Management
Information Systems
Operations Research
Organizational Behavior

Faculty of Social Sciences
Economics
Labor Studies
Psychology
Sociology and Anthropology
Public Policy

School of Social Work

Faculty of Law

Faculty of Exact Sciences
Chemistry
General Science Studies
Geophysics & Planetary Sciences
Mathematical Sciences
Computer Science
Physics & Astronomy
Statistics

Faculty of Life Sciences
Biochemistry
Biology
Biotechnology
Botany
Microbiology
Zoology

Faculty of Engineering
Bio-Medical Engineering
Electrical Engineering and Electronics

Electrical Engineering – Physical Electronics
Electrical Engineering – Systems
Fluid Mechanics & Heat Transfer
Industrial Engineering
Interdisciplinary Studies
Mechanical Engineering
Solid Mechanics, Materials & Structures

Faculty of Medicine
Medicine
Dental Medicine
Communications Disorders
Nursing
Occupational Therapy
Physiotherapy
Continuing Medical Education
Occupational Health
Pathology

The following programs of study towards a diploma are offered to holders of an academic degree. Note that most of these programs do not grant academic credit.

Accounting
Energy
Journalism
Computer Science
Artist (in the Academy of Music)
Museology
Playwriting and Film Writing
Real Estate Appraisal
Neurologic Physiotherapy
Teacher Certification
Continuing Studies for Holders of an M.B.A.

Admission Requirements and Application Information

Undergraduate Studies

- A candidate for admission is judged on his or her secondary school record and NITE Psychometric Entrance Test scores, as well Preparatory Program (*Mechina*) grades and departmental entrance examinations, where required.

- Tel Aviv University accepts the results of the Scholastic Aptitude Test (SAT) as a substitute for the Psychometric Entrance Test. Applicants who have taken the SAT should submit an official transcript of their scores, along with a letter requesting recognition of these scores as a substitute. In cases of candidates who have submitted both SAT and Psychometric Entrance Test results, the highest score will be considered.

- Hebrew Proficiency: Applicants who take the Psychometric Entrance Test in a language other than Hebrew must demonstrate satisfactory knowledge of university-level Hebrew (before the beginning of the academic year), by passing the NITE Hebrew Proficiency Examination. Applicants submitting SAT scores instead of Psychometric Entrance Test scores and applicants for graduate studies must also take the Hebrew Proficiency Examination. This examination is required for all applicants to undergraduate and graduate studies, even in departments (e.g., English Literature) where the language of instruction is not Hebrew.

- English Proficiency: All applicants must demonstrate their ability to comprehend written English prose by passing the English Proficiency exam given within the framework of the Psychometric Entrance Test (including those who are exempt from studying English as a Foreign Language).

- Applicants must hold an Israeli matriculation certificate or an equivalent certificate from abroad.

- Most newcomers to Israel are required to complete the Preparatory Program (*Mechina*) before applying for admission to the University. The *Mechina* may be waived for candidates who have completed one full year of university-level studies in Israel or abroad.

- Graduates of U.S. and Canadian high schools with a grade average of B, a knowledge of Hebrew, and Scholastic Aptitude Test (SAT) scores of at least 1200 may apply directly for University admission (except in the faculties of Engineering and Medicine).

- Israelis returning home after no more than four years abroad, who have completed high school in the U.S. or Canada, may apply for direct admis-

sion (except in Engineering or Medicine if they have a grade average of B and SAT scores of at least 1100 (including at least 600 in mathematics).

• Candidates who do not meet the above requirements and who are not accepted to the *Mechina* must pass three Israeli matriculation (*Bagrut*) examinations, totaling at least 10 units, with a grade of at least 60 in each. Of these, one examination must be in mathematics, with at least 3 units; and one in another subject, with four units. Specific examination requirements will be determined by the department to which the candidate is applying.

• There are additional requirements for applicants to the faculties of Medicine, Exact Sciences, Life Sciences, and Engineering.

Transfer of Credits: Applicants wishing to receive credit for previous university-level studies are required to submit official transcripts of their academic records, listing subjects studied and grades received. A notarized translation is required for transcripts in languages other than English.

Graduate Studies

• Applicants must have a Bachelor's degree or expect to obtain one from an accredited university before the start of the academic year. Candidates must have a final grade average of at least B to qualify for admission to a master's program.

• Knowledge of Hebrew: Applicants who have not completed secondary or university studies in Hebrew must demonstrate a satisfactory command of the language through the Hebrew Placement Examination. This requirement applies to all, including those intending to enroll in departments where the language of instruction is not Hebrew.

• Knowledge of English: Applicants who earned their bachelor's degree at an institution where the language of instruction was not English must take the English Placement Exam before beginning studies and reach the "exempt" level by the start of their second year of graduate work.

• Holders of a master's degree (with at least a cumulative average of B and a master's thesis grade of at least 85) may apply for studies toward the doctoral degree.

• Students who completed their undergraduate studies with distinction may apply directly to a doctoral program.

The Academic Year

The Tel Aviv University calendar is based on two semesters, the first starting in late October and the second in February-March. The faculties of Social Sciences and Management also have a summer semester. Students are generally admitted at the beginning of the academic year. However, the following faculties/departments admit students at the start of each semester: Social Sciences, Management, Accountancy, Mathematical Sciences, Archaeology, English, French, General History, Jewish History, History of the Middle East and Africa, Philosophy, Jewish Philosophy, Comparative Literature, Talmud, and Hebrew Literature.

Undergraduate Studies

Tel Aviv University offers undergraduate studies in the Humanities, Social Sciences, Exact Sciences, Life Sciences, Engineering, Health Sciences, Visual and Performing Arts and Law. Most of the bachelor's degree programs are of three years duration. Students apply for and are accepted to specific departments. Studies toward a bachelor's degree are offered in either a single or dual major (i.e., two departmental majors) program.

Graduate Studies

Masters Degree
Programs of study leading to the master's degree are limited to a single major and require at least two years of study. Although a written thesis is mandatory in most departments, a limited number of departments also offer master's degree programs that do not require a thesis.

Ph.D. and J.S.D. Programs
Tel Aviv University offers opportunities for doctoral studies in virtually every one of its faculties and departments.

Special Programs for Overseas Students

Overseas Student Program
Tel Aviv University offers one year, semester (spring or fall), and summer programs for overseas students open to all undergraduates, as well as high school graduates. A broad range of courses is offered in English, with a primary focus on courses in historic and modern day Israel, Middle East affairs, and Judaica, as well as a wide spectrum of liberal arts subjects, among them labor studies, archaeology, the Holocaust, psychology, and business administration. All courses in the Overseas Student Program are taught in English by members of Tel Aviv University's outstanding faculty and have been designed to qualify for full credit at American and Canadian universities. Students in the year or semester program are required to attend the Intensive Hebrew Language Program prior to the start of their studies.

Among the unique features of the Overseas Student Program (in addition to the regular courses) are the following:

- A voluntary community involvement program, which brings overseas students into the disadvantaged neighborhoods of the Tel Aviv area to establish a "big brother" relationship.

- The opportunity to assist at the University's Moshe Dayan Center for Middle Eastern and African Studies and become integrated into the research process on current Middle East affairs.

- A course on "The Kibbutz as a Way of Life," which focuses on a uniquely Israeli life style, both in theory and practice.

- In cooperation with the Nahum Goldmann Museum of the Jewish Diaspora, special seminar sessions combining the study of Jewish subjects with the use of audio-visual aids, films, displays, libraries, and lectures at the Museum for an in-depth examination of the Jewish legacy.

- An independent study program for superior students with a recommendation from the dean of their college abroad, to pursue a specific subject under the guidance of a Tel Aviv University tutorial sponsor.

- Honors Seminars in Middle East Studies: Several special honors seminars taught on an advanced level, have been added to the Overseas Student Program curriculum. Participation is limited to a few highly qualified students.

- Graduate Middle East Studies Program: Tel Aviv University's famed Moshe Dayan Center for Middle Eastern and African Studies and the department of Middle Eastern and African History, in cooperation with the Overseas Student Program, offers year and semester programs, granting graduate credit in this field. The program is designed for graduate students who are currently enrolled in an M.A. program in the U.S. or who plan to enter such a program after completing their studies in Israel.

The Overseas Program also includes extracurricular activities, tours, trips, and special seminars throughout the country.

Sackler School of Medicine, New York State/American Program

The New York State/American Program provides a four-year M.D. curriculum chartered by the Education Department of the State of New York. It is open to U.S. and Canadian students with a bachelor's degree who have completed pre-med studies.

Class size is limited to 60 students. The curriculum is modeled after that of U.S. medical schools, and English is the language of instruction. Education in the basic medical sciences takes place on the campus of Tel Aviv University and clinical clerkships are conducted in affiliated hospitals in the greater Tel Aviv area.

Students may take elective clinical clerkships in the U.S. during their fourth year. They re-enter the U.S. medical system upon graduation through participation in the National Resident Matching Program.

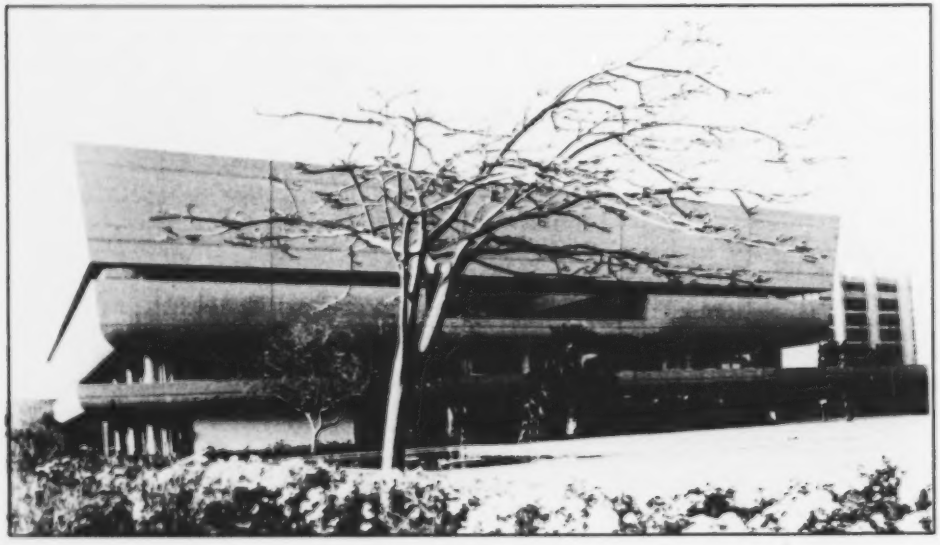
Sackler students have achieved outstanding results on the professional examinations, surpassing all other U.S. and Canadian students studying medicine abroad. Sackler graduates have obtained excellent residencies and fellowships in top American hospitals.

Application for admission, which is competitive, is made through the Sackler School of Medicine offices at 17 East 62nd St., New York, NY 10021; Tel.: (212) 688-8811.

Electives Program for Medical Students

The Electives Program offers clinical electives to visiting medical students in the affiliated teaching departments, located in seven general hospitals, a rehabilitation hospital and six mental health facilities in the greater Tel Aviv area. The departments' physicians have experience in teaching Israeli and American students. Students take part in the routine activities of the department, participate in supervised rounds and bedside instruction, and may participate in departmental seminars and conferences.

Every elective is organized on an individual basis,



with each participant placed in an appropriate department at a Tel Aviv University affiliated hospital or clinic, and working with the department's staff. No theoretical lectures are given as part of this program. Housing is available to the participants.

For further information and application, contact: Electives Program Committee, Sackler Faculty of Medicine, Tel Aviv University, 69978 Ramat Aviv, Israel (Room 101); Tel.: (03) 6423428, Fax: 972-3-410173.

Students from the U.S. may also contact: Sackler School of Medicine, 17 East 62nd St., New York, NY 10021; Tel.: (212) 688-8811.

International Postgraduate Training in Medicine

The International Postgraduate Training Program in Medicine is a joint venture of the Sackler Faculty of Medicine and the Ministry of Foreign Affairs. The program offers physicians with at least two years of experience from different countries individual clinical training for a period of three months in chosen specialized fields of interest in affiliated departments in seven general hospitals, a rehabilitation hospital, and six mental health centers, located in the greater Tel Aviv area. The departments' physicians have experience in teaching and instructing overseas trainees. The participants take active part in the everyday routine of the department as well as in conferences, seminars, and congresses which take place in Israel during their stay here. Courses begin three times a year: autumn, winter and spring. The physicians are covered by malpractice insurance as well as health insurance while in the program. In addition to the daily routine in the hospitals, the program holds general lectures, tours of the country, and social activities.

For further information, contact: International Postgraduate Training in Medicine, Sackler Faculty of Medicine, Tel Aviv University, P.O. Box 39040, 69978 Tel Aviv; Tel.: (03) 5459797/5, or 412492, Fax: (03) 410173.

Preparatory Program (Mechina)

The *Mechina* is a special one-year preparatory program designed for foreign students who wish to enroll as undergraduates at an Israeli university. Applicants should be qualified high school graduates and may have studied for no more than one academic year at a university abroad.

Since Hebrew is the language of instruction at the University, one of the main objectives of the *Mechina* is to enable students to comprehend university-level Hebrew and achieve proficiency in writing term papers. To that end, all courses in the *Mechina* are conducted in Hebrew.

There are two major study areas:

- The Sciences
  a. Exact Sciences, including course work in mathematics and physics
  b. Life Sciences, including course work in chemistry and biology as well as mathematics and physics.

- Liberal Arts
  Course work is geared to admission requirements of the faculties of Humanities, Social Sciences, Fine Arts, Law and Management, and the schools of Education and Social Work. In addition to required courses, students must take electives in preparation for study in the department of their choice.

The academic year in the *Mechina* runs from mid-August to July. Classes are held Sunday through Thursday.

The Tel Aviv University Admission Board considers successful completion of the *Mechina* as equivalent to an Israeli matriculation certificate. *Mechina* graduates must also meet all other regular requirements for admission to the University, including Hebrew proficiency, a passing score on the Psychometric Entrance Test, and any departmental requirements. The *Mechina* does not grant academic credit toward degrees at Tel Aviv University or any other university in Israel or abroad.

In order to provide a deeper knowledge of the country and people of Israel, the *Mechina* offers field trips, educational tours, seminars and a range of social and cultural activities.

For further information about programs for overseas students, contact:

In Israel
Tel Aviv University
Overseas Students Program
Dormitories, Building 8
69978 Ramat Aviv
Tel.: (03) 5450639, Fax: (03) 5414559

In the United States
Office of Academic Affairs
American Friends of Tel Aviv University
360 Lexington Avenue
New York, NY 10017
Tel.: (212) 687-5651, Fax: (212) 687-4085

In Canada
Office of Academic Affairs
Canadian Friends of Tel Aviv University
3910 Bathurst Street, Suite 205
Downsview, Ontario
M3H 5Z3
Tel.: (416) 398-0845, Fax: (416) 398-2137

Bar-Ilan University

52900 RAMAT GAN ; TEL. (03) 5318111, FAX (03) 344622

The establishment of a Jewish State in the Land of Israel was an event of astounding historical significance for the Jewish people. After almost two thousand years of exile, Torah and nation are again one. To meet the challenges of this new age, to properly and creatively fuse traditional Jewish identity and modern life, to promote a twentieth-century Israel built on 30 centuries of Jewish values and learning, Bar-Ilan University was founded in 1955. In 35 short years, Bar-Ilan has grown from 80 to 10,000 students, distinguished itself as a center for scientific, professional, and Jewish studies, and become the unchallenged spokesman for national religious thought and orientation in the State of Israel.

What is the unique personality of this institution?

At Bar-Ilan University religious and non-religious students work, study, and grow together. The student body is approximately 60 percent religious, 40 percent secular, and this extraordinary mix facilitates the dialogue, the friendly debate, the cooperation, and the mutual understanding so vital to the well-being of Israeli society.

At Bar-Ilan University, scientists, economists, legal experts, and philosophers actively engage themselves in the comparison and contrast of traditional Jewish texts and practices and scientific and academic research. A physicist will ask: How do the first few chapters of Genesis compare with cosmological and physical theory? A professor of law will ask: How should Jewish law and civil law cooperate in Israel? A biologist will ask: What does Judaism have to say about the ethics of genetic engineering and experimentation?

At Bar-Ilan University faculty-student and administration-student relations are infused with a per-

sonal interest and concern. Students often remark that Bar-Ilan is not only an academic home, it is an academic family.

Programs for overseas students play a vital role in the Bar-Ilan family and are expanding at a rapid rate.

Programs of Study

Bar-Ilan offers programs of study in the following disciplines (see also Table 1: Fields of Study):

Faculty of Jewish Studies
Bible
Hebrew Literature
Hebrew/Semitic Languages
History of Israel
History of Jewish Thought
History, Land of Israel
History, General
History of the Jewish People
Integrated Jewish Studies
Jewish Thought
Land of Israel Studies
Oral Law
Talmud

Faculty of Law

Faculty of Humanities
Arabic and Islamic Studies
Arabic Language & Literature
Bibliographic Studies
Comparative Literature
Classical Studies
English Language & Literature
English Literature & Linguistics
French Literature and Culture
French Language
Instruction, English
Instruction, Music & Musical
Instruction, Arabic
Library Science
Literature, General & Comparative
Literature, General & Poetics
Literature, Hebrew
Literature, World
Musicology
Philosophy, General
Philosophy, Jewish
Philosophy, Jewish & Kabbalah
Teaching Certificate
Translation/Interpretation
Yiddish

Faculty of Natural Sciences and Mathematics
Biochemistry
Biology
Biophysics
Botany
Chemistry
Chemistry, Analytic
Chemistry, Mineral
Chemistry, Physical
Chemistry, Inorganic
Chemistry, Organic
Chemistry, Theoretical
Computer Science
Ecology
Mathematics
Microbiology
Physics
Physics, Applied
Statistics
Zoology

Faculty of Social Sciences
Administration & Supervision
Business Administration
Criminology
Economics & Administration
Education
Education, Informal
Educational Theory
Educational Counseling
Education, Early Childhood
Education, Special
Geography
Integrated Program in Social Sciences
Management
Political Science
Psychology
Public Administration
Sociology
Social Sciences & Jewish Studies
Social Work

Admission Requirements and Application Information

Undergraduate Studies

- Candidates from abroad may apply to the regular bachelor's degree program provided that they have successfully completed a level of education equivalent to the Israeli matriculation certificate (*Bagrut*).

- All faculties require candidates to demonstrate a certain level of achievement on the NITE Psychometric Entrance Test or the Scholastic Aptitude Test (SAT). Each department has its own acceptance standards for test scores.

- Candidates must have a working knowledge of Hebrew.

- Appropriate recommendations and academic averages are required.

Graduate Studies

- Students from abroad may apply for master's degree studies in the area of their bachelor's concentration. In the event of their conditional acceptance to a different field of concentration, they may be required to take a number of undergraduate courses before admission to graduate studies.

- Most departments require a minimum cumulative grade average in undergraduate studies of 76 ("Good") or its equivalent, while some departments require higher averages.

- Fluency in the Hebrew language is usually required for master's and doctoral studies, unless specifically waived by the department.

- Candidates for doctoral studies from abroad will be evaluated in terms of the equivalency of their training to Bar-Ilan standards, and may be required to pass preparatory work as a condition of their acceptance.

Application for master's degree studies should be made to the Master's Acceptance Committee, and for doctoral studies, to the Doctoral Acceptance Committee, Bar-Ilan University.

Undergraduate Studies

Once accepted to the University, overseas students must select and be accepted to a program or field of study. Students wishing to defer their selection for one year may elect to pursue a "General Studies" year prior to their departmental studies.

Bachelor's degree programs consist of 64 annual credits, typically three years in length, exclusive of preparatory programs (see below), plus physical education, Hebrew expression, and special laboratory requirements in some fields.

All Jewish students at Bar-Ilan, regardless of background, engage in Jewish studies as part of their program. For students with advanced Jewish studies backgrounds or high motivation or interest, yeshiva programs for men and women are available on campus. Students with less background in Jewish studies, or those wishing a purely academic approach to Jewish studies, take courses in Bar-Ilan's world-renowned departments of Bible, Talmud, Jewish History, and Jewish Thought.

Graduate Studies

Master's degree tracks are available in most departments, with or without a thesis. Only those students successfully completing a master's thesis will be eligible to submit their candidacy for doctoral studies.

Students pursuing a master's degree take a minimum of three courses in Jewish studies in addition to their degree studies, unless they have successfully completed Bar-Ilan's "Basic Studies in Judaism" or its equivalent. They must also pass foreign language exams, as directed by their committee.

Doctoral Studies

The purpose of the research project for the Ph.D. degree is essentially to carry out original work of a theoretical or experimental nature which will prove the student's ability as an accomplished researcher. The student must demonstrate possession of the qualities of initiative, imagination, depth of thought, good judgement and diligence that are required for the performance of an independent research project. The work will be regarded as being of value if, in addition to being worthy of publication in a scientific journal, it also contributes significantly to human knowledge and understanding.

Doctoral studies are offered in a wide variety of fields and are available in regular and accelerated tracks. Regular track studies follow successful completion of thesis-track master's degree studies. Accelerated track studies follow completion of undergraduate studies with honors of at least *cum laude*, and begin with an academic probationary year including course work and doctoral seminars.

Application should be made to the Doctoral Acceptance Committee, Bar-Ilan University.

Special Programs for Overseas Students

Bar-Ilan's Office of the Dean of Students, which is responsible for all overseas student programs, offers a range of special programs for students from abroad.

One Year/One Semester "Torah U'Mada" Programs

Designed to meet the needs of students from religious backgrounds wishing to experience life in Israel, the One Year/One Semester *Torah U'Mada* programs offer courses in both Jewish and general studies that grant credit easily transferable to colleges and universities abroad. Combined with a spectacular array of trips and visits to Israel's historical sights, these programs provide students with a meaningful Israeli experience sure to remain with them for the rest of their lives.

The One Year/One Semester programs contain three components: Jewish studies, Hebrew language instruction, and general studies. Four Jewish studies tracks are offered: men's beginning and advanced tracks and women's beginning and advanced tracks. Beginning tracks are taught in English or other native languages of the students, while advanced tracks are taught in Hebrew. Men study in the University's Institute of Higher Torah Studies – *Machon Hagavoha La Tora* – and women study in its Torah Institute for Women – *Midrasha La'Banot*. All four tracks feature studies in Bible, Talmud, Jewish history, Jewish thought, Israel studies, and individual research, under the personal guidance of men and women with rabbinic and academic credentials. Five Hebrew language *ulpan* levels are offered, and students are carefully evaluated upon entrance to the University. As the year progresses, students may advance from level to level on an individual basis.

General studies in University academic departments are conducted in the afternoon. Dozens of course selections in all faculties are available in English, and students with an adequate knowledge of Hebrew are welcome in most of the 5,000 courses offered in Hebrew each year.

Students on the One Year/One Semester *Torah U'Mada* Program live on campus in the Bar-Ilan dormitories, and every possible effort is made to integrate them into campus life. They may participate in all extracurricular activities and are members of the Israeli Student Organization. They have at their disposal all the facilities and amenities available to the regular Bar-Ilan student. In addi-

tion, students are "adopted" by Israeli students and faculty families to facilitate the adjustment process.

Trips, tours, and special Shabbat and *Yom Tov* programs add a distinctive flavor to what is Israel's premier, and certainly most unique, one-year Torah program.

Admission Requirements
Admission to the One Year/One Semester *Torah U'Mada* programs is open to any student possessing a high school diploma who has achieved a grade-point average of at least 3.0 (80-85) and good results on a standardized test, such as the SAT or ACT. Recommendations (one must be from a rabbi) and a personal interview with the director of Academic Affairs (when geographically possible) complete the application process.

Finally, the program is especially designed for students with a strong personal commitment to the observance of Jewish tradition; thus only students with this commitment will be considered for admission. Students from non-observant backgrounds who are seriously interested in rediscovering their heritage, and who are prepared to observe the University's minimum observance requirements, are also welcome.

One Year/One Semester General Programs
Overseas students from non-observant backgrounds may also attend Bar-Ilan University on an "academic studies only" basis, selecting their academic program from general studies and academic Jewish studies courses offered in English or, as outlined above, in Hebrew. The Office of the Dean of Students aids students in designing their academic program.

Although dormitory facilities are not available to students in this program, they may participate in all campus programming, and all regular University services are at their disposal.

All of the above One Year/One Semester Programs are open to freshmen and upper-class students.

Exchange Student Programs for University Juniors
Students in attendance at other universities who wish to spend their junior year at Bar-Ilan University, taking courses in their major field of concentration augmented with Jewish and/or Hebrew language studies, may apply for exchange student status through the Office of the Dean of Students. Special individualized arrangements will be made with the department of choice to provide academic guidance for study and research. All University services for overseas students are available to exchange students as well.

Pre-Academic Preparatory Program
Students from abroad come from a wide variety of social, academic, and religious backgrounds. All struggle with the challenge of a new language, a new culture, and a new way of thinking and living. Therefore, most students from abroad require special preparation for academic studies in Israel.

The *Mechina* or Preparatory Program consists of an intensive, six-week introductory *ulpan*, followed by two semesters of academic studies designed to prepare the student for entrance into academic departments in the following year.

The *Mechina* year is academically challenging, consisting of the following study components: Hebrew and English language instruction (where required), statistics or mathematics, Jewish studies, Israeli citizenship and culture, and introductory academic courses. The weekly study program ranges from 30 to 40 hours per week in class.

Special Sabbath and holiday programming, guest lectures, and wholesome social programming round out the *Mechina* year.

To accommodate students from both the Northern and Southern hemispheres, the *Mechina* is run on two tracks. Students from the Northern Hemisphere begin their *ulpan* studies in August and study in the fall and spring semesters, while students from the Southern Hemisphere begin their *ulpan* studies in January and study in the

spring and summer semesters. Both groups are eligible to apply for departmental admission for the academic year immediately following their *Mechina*. Completion of the *Mechina* does not guarantee admission to Bar-Ilan University.

By virtue of its traditional environment and orientation, the Bar-Ilan *Mechina* program is unique among all the preparatory programs in Israel.

Admission Requirements: Admission to the Pre-academic Preparatory Program is based on the candidate's matriculation certificate or high school diploma and a personal interview or recommendation.

Student Life

Bar-Ilan's Student Organization goes out of its way to welcome overseas students and integrate them into campus activities in specific and Israeli society in general. Overseas students may also choose to participate in Bar-Ilan's unique "Student Match" program, which provides an Israeli "adoptive sister" or "adoptive brother" on campus as another feature of its University family.

Campus life is rich in special lectures and social, cultural, and recreational programming. Intramural and varsity sports are offered in basketball, tennis, table tennis, soccer, and volleyball. Tours of Israel and *Shabbatonim* in a variety of sites around the country are a regular and integral feature of overseas student life at Bar-Ilan.

Housing

Bar-Ilan operates separate men's and women's dormitories on and very near campus. Dormitories are available to religious students only and provide a traditional environment, including synagogues, Sabbath and holiday programming, and many kosher restaurants and stores. Qualifying overseas students are automatically granted dormitory privileges for three years. Approximately one third of Bar-Ilan's dormitory residents are overseas students from five continents and over twenty countries.

For further information about programs for overseas students, contact:

In Israel
Office of the Dean of Students
Bar-Ilan University
52900 Ramat Gan

In the United States
Bar-Ilan University
91 Fifth Avenue, Suite 200
New York, NY 10003
Tel.: (212) 337-1270

In Canada
Canadian Friends of Bar-Ilan
4950 Queen Mary Road, Suite 360
Montreal Quebec
H3W 1X3
Tel.: (514) 731-7893

In England
U.K. Friends of Bar-Ilan
76 Marylebone High St.
London W1M 3AR
Tel.: (01) 486-9706

In Australia
Australian Friends of Bar-Ilan
639 St. Kilda Road, Suite 3
Melbourne, Victoria 3004
Tel.: (03) 529-6998

University of Haifa

MOUNT CARMEL, 31999 HAIFA; TEL. (04) 240111, FAX (04) 342104

Founded in 1963 and accredited as an autonomous institution of higher education, the University of Haifa is the principal center in the north of Israel of higher education in the Humanities, Arts, and Social Sciences. Situated on the heights of Mount Carmel, above the city of Haifa, the University serves as an academic center for Haifa, the settlements of the Galilee, the Jordan and Jezreel valleys and the coastal plain from Hadera to the Lebanese border. The 200-acre campus, commanding a breathtaking view of the entire Haifa bay and the valley of Zebulun, was designed by the Brazilian architect Oscar Niemeyer. The University of Haifa has one central library and a centralized physical plant.

The great variety of academic pursuits at the University is reflected by the variety of centers, institutes, and laboratories serving as a framework for active research and teaching in both applied and theoretical spheres. The Arab-Jewish Center, with the Gustav-Heineman Institute for Middle Eastern Studies, created to foster cooperation and understanding between Arabs and Jews; the Institute of Information Processing and Decision Making, the purpose of which is to promote basic and applied research in the fields of Psychology, Information Processing, and Decision Making, serving M.A. and Ph.D. candidates; the Strochlitz Institute for Holocaust Studies, in cooperation with Ghetto Fighters' House, Kibbutz Lohamei Hageta'ot; the Herzl Institute, which aims to promote research and study of Zionism; the Institute of

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Archaeology and Maritime Studies, which deals with prehistorical, biblical, and classical archaeological research and carries out archaeological excavations; the Gottlieb Schumacher Institute of the Christian Contribution to the Development of 19th Century Palestine; the Leon Recanati Center for Maritime Studies; the Center for the Study of the Land of Israel and the Yishuv of Yad Izhak Ben Zvi Institute and the University of Haifa; Institute for the Study of French History and Civilization; the Center for Natural Resource and Environmental Research Study; the Center for Educational Administration; the Center for Alternatives in Education; the Center for Children's Literature; the Youth Policy Research Center, which was established to respond to current issues concerning Israeli children and youth; the Center for Research and Study of the Family; the Golan Research Institute; the Center for the Study of Aging; the R.D. Wolfe Center for the Study of Psychological Stress; the Institute of Evolution, which investigates mainly the genetic, ecological, and behavioral structures of populations of plants, animals, and humans, as well as the origin and evolution of new species in nature.

An exciting new addition to the University campus, the Hecht Museum, is dedicated especially to the archaeology of Eretz Israel and the lands of the Bible, as well as Israeli art. It contains numerous rare finds from ancient biblical periods of Eretz Israel – many "one-of-a-kind" – and ranks as one of the world's leading collections in the field. The University takes special pride in this collection, believing that it is important to create an aesthetic environment for faculty, students, and guests. This becomes evident immediately upon entering the campus. The open spaces are adorned with sculptures, the walls are embellished with murals and hung with paintings. Display cases with archaeological and other exhibits abound in its halls and corridors.

The Art Gallery in the Main Building is the venue for exhibitions mounted from time to time, presenting the works of artists and sculptors, with special emphasis given to Israeli and Jewish artists. At the top of the thirty-story tower, in the Ghez Observation Gallery, are permanent exhibits of the works of artists who were liquidated in the Holocaust.

The University plays a unique role in the higher education of the Arab and Druze minorities. There is also a very active relationship between the kibbutz movement and the University, which the University has strengthened through its amalgamation with Oranim – the School of Education of the Kibbutz Movement.

A number of immigrant students, combined with the diverse Israeli student population, give Haifa a unique personality. The coeducational student body numbers 7,500, while the teaching staff totals 500 faculty members. Undergraduate studies (B.A.) are offered in approximately forty disciplines, and most departments offer graduate degrees (M.A. and Ph.D.) as well.

To make the University of Haifa available to an even broader cross section of people, the University supervises two academic tracks in Regional Colleges at Tel Hai in the Upper Galilee and the M. Stern College in the Jezreel Valley.

The Extension Studies Division gives additional thousands the opportunity to attend non-academic courses for personal and professional enrichment. These courses contribute to the advancement of managers and executives in public and private enterprises. Diplomas are offered in some departments.

Programs of Study

The University of Haifa offers programs of study in the following disciplines (see also Table 1: Fields of Study):

Faculty of Humanities
Arabic Language and Literature
Archaeology
Art History and Creative Art
Biblical Studies
English Language and Literature
French Language and Literature
General History
General Studies
Hebrew and Comparative Literature
Hebrew Language
History of the Jewish People
History of the Middle East

Jewish Thought
Land of Israel Studies
Maritime Civilizations
Philosophy

Faculty of Social and Mathematical Sciences
Accounting
B.A. Program for Honor Students
Business Administration
Economics
Geography
Mathematics and Computer Sciences
Political Science
Psychology
Sociology and Anthropology
Statistics

School of Education
Administration and Supervision
Counseling
Education
Occupational Therapy
Special Education
Teacher Training

School of Social Work
Community Organization
Rehabilitation and Health
Welfare Administration

Oranim–The School of Education of the Kibbutz Movement
Oranim trains teachers/educators for secondary schools. Students receive both a teaching certificate and a B.A. in teaching Humanities or a B.Sc. in Science teaching.

Non-Degree Diploma Studies
Library Science
Museum Studies Program

Admission Requirements

Undergraduate Studies

• Candidates must have a matriculation certificate from abroad equivalent to an Israeli matriculation certificate, or a high school diploma accepted for admission by recognized universities in Israel and abroad, or be graduates of the Pre-Academic Unit at the University of Haifa who have successfully completed all the requirements.

• Applicants for the first year of studies are required to take the NITE Psychometric Entrance Test (except for those applicants eligible for an exemption from this test or its equivalent).

• The following departments require special entrance examinations: English, Arabic, Mathematics, Teacher Training, and Art.

• Applicants who do not take the Psychometric Entrance Test in Hebrew are required to take the Hebrew Proficiency Examination, which is given twice a year. Applicants who are required to take this examination but fail to do so generally will not be admitted to the University. However, those who achieve a very high score on the Psychometric Entrance Test may be admitted with the approval of a special committee.

• Candidates to the departments of Hebrew Literature and Hebrew Language who are not graduates of Hebrew-language schools must demonstrate proficiency in Hebrew and pass an examination.

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Graduate Studies

- Foreign students applying for studies toward a master's degree must have the equivalent of an Israeli bachelor's degree from an institution of recognized standing, show evidence in their academic records of outstanding scholarship, and fulfill admission requirements of the department.

- Foreign students must meet the following requirements before applying to a Ph.D. program:
  - Possess the equivalent of an Israeli M.A. or M.Sc. degree from an institution of recognized standing, a written M.A. thesis, and show evidence (in academic records) of outstanding scholarship.
  - Submit letters of recommendation.
  - Fulfill any additional requirements of the department granting the Ph.D. degree.

- Before submitting the Ph.D. dissertation, the student has to show sufficient knowledge of Hebrew.

Undergraduate Studies

The Faculty of Humanities is composed of seventeen departments, covering the areas of art, archaeology, history, languages, literature, and philosophy. The faculty also includes the Unit for the Teaching of Foreign Languages, which provides services for all university students, and the programs for Library Studies. In addition, the faculty contains research centers, institutes, archives, and chairs in a wide variety of fields, such as Holocaust Studies, Jewish Thought and Heritage, Zionism, and Archaeology.

The Faculty of Social Sciences and Mathematics is composed of seven departments: Economics, Geography, Political Sciences, Psychology, Statistics, Sociology and Anthropology, and Mathematics and Computer Sciences. The unusual combination of Social Sciences and Mathematics has its origin in the fact that the University has no faculty of natural sciences. In addition, the faculty contains the Institute for Research of Haifa and the Galilee, the Rubin Zimmerman Foundation for the Study of Banking and Finance, the El-Yam Chair for Shipping, and the Benjamin H. Swig Chair in Business Administration. The faculty also contains various psychological and geographical laboratories. The faculty has strong professional relations with the Institute for Information Processing and Decision Making, especially with the psychology researchers.

The School of Education consists of three departments – Education, Teacher Training, and Occupational Therapy – which offer programs emphasizing the major areas of educational studies and practice, and educational research. Attached to the School of Education are some developmental and research centers in the following areas: Children's Literature, Curriculum Development, Computers in Education, and Alternatives in Education. Two special chairs function in the fields of Special Education, and Education and Society.

The School of Social Work is geared to meet the vital needs of competent, qualified social workers in Israel. The School offers bachelor's and master's degree programs which train professional social workers, researchers, and social service administrators. The Bachelor's in Social Work degree (B.S.W.) is the basic degree awarded, which also carries with it professional accreditation.

Graduate Studies

Master of Arts (M.A.) programs are offered in most departments. Studies toward the M.A. degree include courses in the major area of specialization, related courses in other areas, and foreign language courses. M.A. studies should be completed in four years.

Ph.D. programs are presently offered in the following departments: Psychology, History, Mathematics and Computer Science, Political Science, Education, History of the Jewish People, and Economics.

Studies include a minimum of four courses and the writing of a Ph.D. dissertation, and should be completed in four years.

Special Programs for Overseas Students

The Department of Overseas Studies at the University of Haifa offers unique opportunities because it is relatively small and intimate, enrolling approximately 80 students per semester, and well integrated with the University and the community. The students live in the University dormitories and room with Israeli students. Classes are small, and most are open to Israeli students as well. Frequent excursions throughout the North and other parts of Israel enhance the student's increasing knowledge of and experience in Israel.

Israeli students take part in the field trips and social programs. Students are offered a family hosting option – another source for interaction with Israelis. The staff of the program is dedicated to working with each individual student and responding to his or her academic and personal needs.

Semester and One Year Programs

The program is designed for students who have successfully completed at least one year of study at a recognized institution of higher education. A student may register for one semester or the entire year. The fall semester runs from October to January and the spring semester from February to June. Additionally, students may enroll in the Ulpan during the summer either before or after the program, and receive 8 credits in Hebrew language for completion of the Ulpan. All courses provide full academic transfer credit to the student's home university.

The academic program focuses on Hebrew and Arabic language and literature; Israel, Jewish, and Middle Eastern studies; and general studies, such as English literature, mathematics, computer science, philosophy, and psychology.
The program is well known for its specialization in a number of specific areas, including:

- Kibbutz studies (classroom and experiential programs)
- Maritime studies (marine archaeology, biology, geography, commerce, history)
- Ethnography/intercultural communication – the peoples of Israel (the various ethnic groups of Israel, including Jewish, Arab, and Druze cultures)
- Development studies – ecologically based regional planning and management of natural resources.

Special academic programs include the International Honors Program in Psychology, archaeological excavations, marine archaeological excavations, and lecture and travel accredited courses (e.g., Ancient and Modern Egypt – excursion to Egypt, Sephardic Jewry – excursion to Spain, Turkey, and Portugal, the Impact of the Holocaust – excursion to Poland).

A rich extracurricular program including such activities as folk dancing, folk singing, student newsletter, sports, hiking, and debate group is offered. Students also take several field trips to all parts of Israel.

One of the best ways for a student to learn about Israel in depth and to develop a personal relationship with the country is to volunteer in one of the community action programs. Options include the Perach "student to student" program; the Jewish-Arab Center; the Unit for Bridging the Gap; the Center for Battered Women; the Matnass (Community Center) Program; and Project Renewal.

Summer Ulpan

The Summer Ulpan is an intensive ten-week Hebrew language program offered on a variety of levels, from beginners through advanced. The Ulpan combines four days (twenty hours) per week of classes with one day each week dedicated to trips and tours of historical, archaeological, and other sites in northern and central Israel. The tours are integrated with the language studies. The program is highly recommended (though not required) for students taking the semester or year program.

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Kibbutz University Semester
This program affords students the opportunity to participate in a work-study program, combining one of the most significant social experiments in the contemporary period – the kibbutz – with a full semester (or year) at the University.

Approximately ten weeks prior to the start of the semester, the students begin their kibbutz experience. While on the kibbutz, the students work a five-hour day in one or more of the branches comprising the kibbutz economy. Each student is "adopted" by a kibbutz family, whose primary responsibility is to provide an open door to the inner complexities of kibbutz life, as well as help the student to overcome any integrative difficulties which may arise.

The program involves ten weeks of kibbutz living, Hebrew language instruction (8 credits), field trips, and a special seminar in Jerusalem. Special arrangements for directed reading and research can be made for students with special interests. At the end of the kibbutz experience, the students move from the kibbutz to the University of Haifa campus and, after an orientation, join the regular Overseas Studies program. During the regular semester, students can earn 15-18 credits.

The Kibbutz University Semester takes place in both the fall and spring semesters.

Internship Program
This special opportunity allows students to combine scholarly pursuits with practical field work. Students are placed in their particular field of interest, under academic and professional supervision. Programs are planned according to the student's needs and qualifications. Internships can be arranged in a variety of fields, including education, the physical sciences, women's studies, and Arab-Jewish relations. At least 25 hours per week are dedicated to supervised field work or internship. It is also possible to take an individual tutorial course given by a qualified academic in the field related to the internship, and to participate in regular or Overseas Studies courses provided that the course prerequisites are met.

The program is open to qualified students who have successfully completed at least two full years of university work.

The Pre-Academic Unit
To ensure the integration into academic life of students who wish to study but are not yet fully qualified, the University offers a year-long Pre-Academic Program (*Mechina*) which teaches preparatory courses in relevant areas of study. Students study Hebrew, English (when necessary), Jewish studies (including history of the Jewish people, civics, and geography of Israel), and Introduction to the Humanities and Social Sciences.

Student Life

The University's 7,500 students come from a multitude of cultures and backgrounds: veteran Israelis, new Jewish immigrants, kibbutz members, Arabs, Druze, and foreign students. This gives the University an international and interdisciplinary study environment.

Students enjoy a number of services and activities, including an International Hillel House and Haifa's Student Union.

The Physical Education Department has coordinated its activities into a community sports center serving students, staff, and their families. As a member of the University Tennis Club, the student is entitled to instruction, use of the courts, and other tennis activities. There is also a tennis team just beginning to make a name in tournaments. Other activities are also available in the sports center, including aerobic dancing, basketball, and training. A sports medical and physiological laboratory also serves students, faculty, and members of the sports center. The University houses a modern, well-equipped gym, a basketball court, and a weight and exercise room.

The Dean of Students deals with both the academic and personal affairs of the students. Every student can meet with the Dean to discuss his or her problem.

Housing

The University dormitory accommodations consist of suites with three bedrooms, kitchen facilities, and a bathroom. Six people (two to a room) occupy a suite.

The University offers modern, spacious dormitory rooms on campus and in nearby Romema. There are units for individuals and married couples.

Financial Aid

Students in need of financial assistance may apply to the University of Haifa Overseas Studies Program. Partial scholarships are awarded by the Student Aid Committee on the basis of need and academic achievement.

For further information about programs for overseas students, contact:

In Israel
Department of Overseas Studies
University of Haifa
31999 Haifa
Tel.: (04) 246584
Fax: (04) 254184

In the United States
Kibbutz Aliyah Desk
(University of Haifa Desk)
27 West 20th St. (9th floor)
New York, New York 10011
Tel.: (212) 255-1338
Tel. outside New York: 800-444-7007
Fax: (212) 929-3459

Ben-Gurion University of the Negev

84105 BEER SHEBA ; TEL. (057) 461111, FAX (057) 31463

Beer Sheba, home of the Ben-Gurion University of the Negev, is the capital of Israel's Negev, an arid area covering over 50 percent of the State of Israel.

Since the establishment of the State, the policy of the Government of Israel has been to encourage population dispersion. In line with this policy, various industries, such as quarries, chemicals, electronics, and textiles, were set up in Beer Sheba and the neighboring development towns to provide sources of employment. The resulting increase in population quickly led to the creation of service and commercial enterprises.

The founding of the Ben-Gurion University of the Negev in 1964 by a group of prominent citizens in the region was a historic event in Israeli education. The founders believed that the best scholarship should be brought to bear on the nation-building efforts to develop a modern society in the Negev.

The exceptional resources of the region enrich not only the academic programs but also the experience of living in the Negev. Today the University has more than 6,500 students in its various faculties and pre-academic programs.

The comprehensive structure of the University, which comprises the Faculty of Humanities and Social Sciences, the Faculty of Engineering Sciences, the Faculty of Natural Sciences, and the Faculty of Health Sciences within one organizational framework, enables the University to make a significant contribution to the entire region.

In addition to the faculties which offer regular studies toward degrees, there are three research institutions: the Jacob Blaustein Institute for Desert Research, which investigates various aspects

of desert research, and the David Ben-Gurion Research Institute and Archives, both situated in Sde Boker, and the Applied Research Institute at the E.D. Bergmann campus in Beer Sheba.

A modern campus has been built, which houses all the services needed by students and faculty, including a central library, faculty buildings, a computer center, student dormitories, cafeterias, a sports center, and the Student Association.

Programs of Study

Ben-Gurion University offers programs of study in the following disciplines (see also Table I: Fields of Study):

Faculty of Humanities and Social Sciences
Accounting
Archaeology
Behavioral Sciences
Bible
Bible & Biblical History
Economics
Education
Educational Administration
Foreign Literatures (English, French)
General Studies
Geography
Hebrew Language
Hebrew Literature
Jewish History
Jewish Thought
Linguistics (English, French)
Philosophy
Psychology
Social Work
Sociology & Anthropology
Teaching Certificate
Urban Studies

Faculty of Natural Sciences
Animal Science
Biochemistry & Molecular Biology
Biology
Biophysical Chemistry
Biotechnology
Chemistry
Chemistry & Computer Science
Computer Geology
Computer Sciences
Environmental Biology
Electro-optics
Genetics
Geology & Mineralogy
Mathematics & Computer Science
Mathematics, Applied
Mathematics Education
Mathematics, General
Mathematics, Theoretical
Physical Geography
Physics
Physics & Computer Science
Physics & Electrical Engineering
Physics, Experimental
Physics, General
Physics, Theoretical
Plant Science
Statistics

Faculty of Engineering Sciences
Biomedical Engineering
Chemical Engineering
Economic Management
Electrical & Computer Engineering
Industrial Engineering
Industrial Management
Materials Engineering
Mechanical Engineering
Nuclear Engineering
Medical Administration Management
Nuclear Energy
Nuclear Radiation

Faculty of Health Sciences
Anatomy
Biochemistry
Endocrinology
Epidemiology
Immunology
Medical Sciences
Medicine
Microbiology
Molecular Biology
Neurobiology
Nursing
Pharmacology
Physiology
Physiotherapy
Virology

Admission Requirements and Application Information

Undergraduate Studies

- Candidates from overseas must have a matriculation certificate or equivalent diploma which makes them eligible to be accepted for university studies in their country of origin.

- Without exception, candidates are required to take the NITE Psychometric Entrance Test.

- The candidate's knowledge of Hebrew must be sufficient for participating in conversation. Overseas candidates will be given a Hebrew proficiency test as part of the Psychometric Entrance Test. Based on the results of that test, the admission office will determine whether or not the candidate meets the Hebrew requirement and, if not, will try to assist the candidate in meeting this requirement.

- Candidates for admission to the Faculty of Engineering Sciences must take entrance examinations in mathematics and physics, which are given in Hebrew only and can only be taken at Ben-Gurion University.

- Candidates for admission to the Department of Mathematics and Computer Sciences must take an entrance examination in mathematics, given in Hebrew only at Ben-Gurion University.

- Candidates for admission to the Department of Foreign Literatures and Linguistics must take an examination in either English or French, monolingual dictionaries being permitted. Students graduating from French or English speaking high schools are exempt from the French or English examinations, respectively. These proficiency exams can only be taken at Ben-Gurion University.

- Candidates for admission to the Department of Hebrew Language and Literature must pass an examination in Hebrew grammar, given only at Ben-Gurion University.

- A candidate for admission to the Medical School must be at least 20-years old and a citizen of Israel by the end of the registration period, i.e., the end of February. Only first-year students are admitted and there is no late registration period for either the Medical School or the Recanati School for Community Health Professions.

- Candidates who have completed some university studies may apply for admission. Applications will be considered according to the applicant's achievements in his or her previous studies in the same field. Candidates for continuing studies must submit an authorized transcript of their grades from the institution in which they studied. Registration forms are available in Hebrew only.

- Candidates for admission to the Medical School, the Recanati School for Community Health Professions and the Department of Social Work will be admitted only after an interview with the Admissions Committee of the respective departments.

Graduate Studies

- Admission to graduate programs of the Ben-Gurion University of the Negev is offered to applicants of sound character and emotional stability who hold the bachelor's degree (or equivalent foreign credentials) and who show promise of superior scholarly achievement.

- An applicant is judged by his or her academic record; recommendations of instructors or others qualified to evaluate academic ability and character, interest and potential; academic or professional honors; and when relevant, test scores and practical experience.

- Candidates are accepted for doctoral studies only upon the recommendation of the academic unit in which they will do their research and the approval of both the Master's Degree Program Committee of the faculty and the Committee on Doctoral Students.

- Candidates for doctoral studies must have a master's degree from Ben-Gurion University or an equivalent degree from a recognized academic institution, with a general grade average of at least "Good" in their studies and master's thesis.

- Candidates for doctoral studies must have sufficient training to carry out research on the subject chosen, according to the judgment of the Committee on Doctoral Students.

Application Deadline

Registration periods for undergraduate studies are generally eight to nine months preceding the semester for which the candidate is registering. Thus, for example, the registration period for the fall term would be January-February. There is usually a late registration period about six weeks preceding the term.

Application deadline for graduate studies for the first semester: June 1-August 31; for the second semester: December 1-January 31.
Registration for doctoral studies continues throughout the academic year.

Undergraduate Studies

The University offers undergraduate studies in the faculties of Humanities and Social Sciences, Natural Sciences, Engineering Sciences, and Health Sciences. Studies toward the B.A. or B.Sc. degree are for three to four years, and toward the M.D., six years.

Students are accepted to the Medical School for the first year of studies only.

In the Faculty of Humanities and Social Sciences students must accumulate 120 credits to receive a bachelor's degree. Studies are organized in departments, and students take specialized courses in various tracks, supplementary and remedial courses, foreign languages, and general required and elective courses as determined by the department and faculty.

Studies in the faculties of Natural Sciences and Engineering Sciences are likewise offered within the framework of departments.

The Leon and Matilde Recanati School for Health Professions in the Community offers two four-year programs leading to a bachelor's degree in Nursing (B.S.N.) and Physiotherapy (B.P.T.). Studies include a basic unit common to all students and specific courses for each program correlated with practical experiences.

Graduate Studies

Ben-Gurion University offers studies toward a master's degree in the Faculty of Natural Sciences, the Faculty of Engineering Sciences, the Faculty of Health Sciences, and certain departments in the Faculty of Humanities and Social Sciences (History, Geography, Education, Behavioral Sciences, Jewish Thought, Economics, and Philosophy).

Studies and research toward the Ph.D. degree are offered in all faculties of Ben-Gurion University. For more information, contact the Doctoral Studies Secretary, Academic Secretariat, Ben Gurion University of the Negev, P.O. Box 653, 84105 Beer Sheba.

The Faculty of Natural Sciences offers programs of study leading to the Master of Science and Doctor of Philosophy degrees, which are designed for students who wish to undertake theoretical and experimental research in basic and applied areas.

The Faculty of Engineering Sciences offers graduate programs leading to the Master of Science and Doctor of Philosophy degrees in the fields of Mechanical Engineering, Industrial Engineering and Management, Medical Engineering, Chemical Engineering, Electrical and Computer Engineering, Nuclear Engineering, Material Engineering, and Biotechnology.

Interdisciplinary studies in Bio-Medical Engineering are offered within the framework of each department of the Faculty of Engineering Sciences.

The Faculty of Health Sciences offers programs of study leading to the M.Med.Sc. and Ph.D. degrees. Programs are offered in the following research fields: Anatomy, Biochemistry, Endocrinology, Epidemiology, Immunology, Microbiology, Molecular Biology, Neurobiology, Pharmacology, Physiology, and Virology.

The Faculty of Humanities and Social Sciences offers graduate programs leading to the Master of Arts degree in the departments of Geography, History, Education, Economics, Behavioral Sciences, Philosophy and Jewish Thought. The faculty also offers doctoral studies leading to the Ph.D. degree.

The Jacob Blaustein Institute for Desert Research

The Blaustein Institute is organized into relatively small research units, each specializing in a certain aspect of desert research. Through these research units, graduate students can take part in research projects which are related to their area of study.

Typically, the duration of a research project for an M.Sc. degree should take up to one year while that of a Ph.D. research project should take up to three years. A graduate student interested in participating in a research project must be in contact with and obtain the approval of the heads of the Institute's scientific unit and the relevant University academic department.

Programs for Overseas Students

The semester and year program, which is taught in English, offers a full range of courses in Jewish studies, Israel society, politics and Zionism, desert studies, Hebrew language, natural sciences, mathematics and computer science, management and business administration, English language and literature/linguistics, and art.

Special courses which take advantage of the desert surroundings include History of the Negev, Bedouin Society, Desert Art and Ecology. In addition, more standard courses are offered in Hebrew on Zionism, politics, and computers.

Ben-Gurion University, in conjunction with Pinhas Sapir Regional College, offers special programs, such as the College Kibbutz Program. This one-semester program combines academic studies on the kibbutz with actual experience in kibbutz life.

A special summer archeology program at Tel Nizzana is also offered.

Preparatory Programs for New Immigrants

The following preparatory programs for new immigrants are offered:

The Multiple-Purpose Preparatory Program is designed for new immigrants possessing a matriculation certificate. The objectives of the program are to impart a knowledge of Hebrew to the students, to improve their knowledge of English (where necessary), and to prepare them for University studies. The duration of the program is nine months (October-June).

The Engineering and Natural Sciences Preparatory Program is designed for new immigrants possessing a matriculation certificate who would like to study in the faculties of Engineering Sciences and Natural Sciences. The duration of the program is nine months (February-November).

Candidates who do not live in Israel can apply through the emissary (*shaliach*) of the Jewish Agency in their country.

Financial Aid

A limited number of graduate assistantships are available to outstanding students. For additional information, write to the chairman of the department of your choice.

Student Life

Students are organized into a Student Association which is apolitical in character. Student officers are elected annually according to departments and as individuals. Student representatives participate in most university bodies, such as the Board of Governors, the Executive Committee, and the Senate.

Many cultural activities are held for students. Once a week there is a concert and/or a lecture on current topics. Often there are films and plays. Activities in the student dormitories include lectures, performances, community singing, folk dancing and the like.

The student newspaper, called *Barbaran*, offers students the opportunity to express themselves on student matters and general topics.

The students have access to a synagogue and a rabbi, who is responsible for activities related to Jewish studies and traditions.

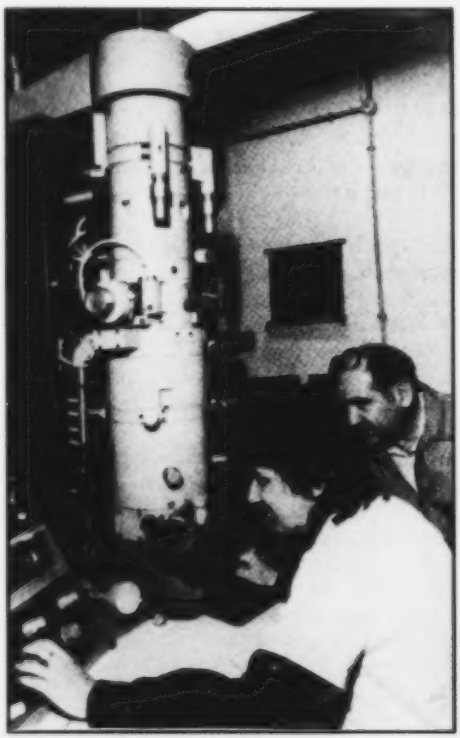
Students participate in voluntary community service projects. In this way, they devote time and energy for the general good and help to raise the level of children in underprivileged neighborhoods.

Many sports activities are available. The University has a sports center which includes a gymnasium, six tennis courts, and two swimming pools. Sports clubs exist in various fields such as handball, volleyball, chess, and swimming. Students participate in teams which represent the University in various leagues.

For further information about programs at the Ben-Gurion University of the Negev, contact:

In Israel
Overseas Student Program
Ben-Gurion University of the Negev
P.O. Box 653
84105 Beer Sheba
Tel. (057) 461144

In the United States
Overseas Study Program
American Associates
Ben-Gurion University of the Negev
342 Madison Avenue, Suite 1924
New York, NY 10173



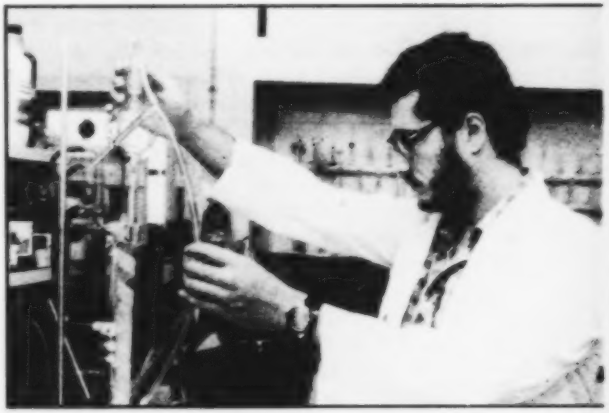
The Weizmann Institute of Science

76100 REHOVOT; TEL. (08) 342111 , FAX (08) 466966

Situated on 250 acres of lawns and gardens in Rehovot, 14 miles southeast of Tel Aviv and 35 miles west of Jerusalem, the Weizmann Institute of Science occupies what is probably the most beautiful campus in Israel – in fact, one of the most attractive anywhere. Today's campus of 40 buildings grew out of the modest Daniel Sieff Research Institute, founded in 1934 by Dr. Chaim Weizmann, the scientist-statesman who was later to become the first President of the State of Israel and the first President of the Institute.

The main task of the Feinberg Graduate School, the educational arm of the Weizmann Institute, is the advanced training of new generations of creative and original researchers in the natural sciences and mathematics – in other words, the education of future scientific leaders. Founded in 1958, the School confers M.Sc. and Ph.D. degrees under the authorization of the Israel Council for Higher Education and pursuant to a charter granted by the Board of Regents of the State of New York. Students who exhibit exceptional creativity and initiative are encouraged to enroll in a special direct doctoral program.

Studies cover the major disciplines in physics, mathematics, the life sciences, chemistry and the earth sciences. A limited number of students with previous teaching experience are accepted for the Science Teaching course.



One of the main reasons students choose the Feinberg School is the opportunity it provides them to conduct serious research at a world-class institution. New students are instructed in the basic procedures of laboratory research. In addition, the teaching labs offer over 25 courses annually. Emphasis is placed on the newest techniques in science, some of them pioneered by Institute researchers.

A novel rotation program allows students pursuing master's degrees to spend ten- week periods working in different Institute labs. This exposure to a wide variety of research enables them to make more informed decisions on the area in which they wish to specialize.

The official language of study is English, which enables the large number of foreign students (currently 25 percent of the enrollment) to participate fully in all of the School's programs. The School admits candidates of all races, colors, and ethnic origins and has students from North America, Europe, Africa, Asia, South America, and Central America. Together with the substantial number of foreign visiting scientists on the campus, they contribute to the Weizmann Institute's international atmosphere.

The relatively small enrollment – approximately 180 M.Sc. students and 450 doctoral students – and a student-teacher ratio of 3:2 enable the School to provide maximum individual attention and foster close contacts between Feinberg students and Weizmann scientists.

A high percentage of Feinberg graduates go on to conduct post-doctoral research at top-ranking institutions around the world. Subsequently, many obtain posts at the Weizmann Institute or other institutions of higher learning. In addition, a significant number are employed in non-academic positions – mainly in industrial, medical, and government laboratories.

Some 800 basic and applied research projects are carried out in the Weizmann Institute's 21 units. The Faculty of Biology is actively tackling the problem of cancer, the functioning of the immune system, and the basis of hormone operation and aging, as well as research into plant genetics and metabolism. Scientists in the Faculty of Biophysics-Biochemistry are examining the details of how cells manufacture the substances they need to live, function, and develop. Nerve tissue, muscles, cell membranes, algae, and bacteria are among the materials under study. Aspects of inorganic, organic, physical, and polymer chemistry are all being investigated in the Faculty of Chemistry. Various materials of commercial value and processes bearing on water resource expansion have resulted from this research.

The Faculty of Mathematics is engaged in both theoretical and applied research. Computer technology and methodology, as well as theoretical geophysics, are among the interests of Institute mathematicians. In the Faculty of Physics, research ranges from elementary particle, nuclear, and astrophysics to statistical mechanics and applied physics where magnetism, lasers, and holography projects are under way.

Cutting across departmental lines are a number of recently established centers in such fields as aging, energy, industrial research, molecular genetics, neuro-sciences, theoretical physics, plant research, and structural biology.

Programs of Study

Research at the Weizmann Institute is carried out in the following areas:

Life Sciences
Biological Ultrastructure
Cancer Research
Cell Differentiation and Gene Expression
Cell Surface Research
Hormone Research
Immunology
Lipid and Sugar Biochemistry
Membrane Research
Molecular Biology
Molecular Genetics
Neurobiology and Brain Research
Nucleic Acid and Protein: Structure, Function, and Biosynthesis
Oncogenies
Photosynthesis
Plant Genetics and Breeding
Receptors and Signal Transduction
Somatic Cell Genetics
Virology

Chemistry
Bio-Organic Chemistry
Chemical Physics

Chemistry of the Brain and Behavior
Crystallography
Electrochemistry
Geosciences
Laser Chemistry
Magnetic Resonance
Material Sciences
Membrane Research
Molecular Dynamics
Organic Chemistry
Polymer Research
Solid State Chemistry
Surface Chemistry

Physics
Acceleration and Structure of Molecular Ions
Detection of Gravity Waves
Experimental High Energy Physics
Experimental Nuclear Physics
Holography
Hydrodynamics
Laser Physics and Applications
Phase Transitions and Critical Phenomena
Relativistic Electron-Beam Physics and Applications
Theoretical Astrophysics
Theoretical High Energy Physics
Theoretical Nuclear Physics

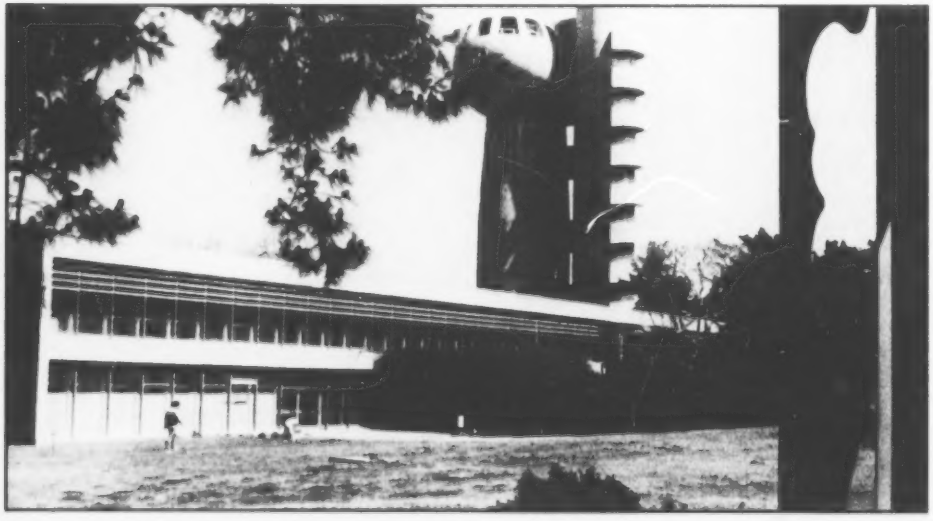
Mathematical Sciences
Computer Science and Engineering
Geophysics
Pure and Applied Mathematics
Systems Theory

Science Teaching
Research and development in all areas relating to methods, curricula, textbooks, and equipment for the teaching of science at the high school level.

Language of Instruction
Courses are held in English; however, students are encouraged to learn Hebrew. Although Hebrew is not a prerequisite for study at the Feinberg Graduate School, some knowledge of the language is desirable for foreign students in order to derive maximal enjoyment from their stay in Israel.

Admission Requirements and Application Information

- Candidates for M.Sc. degree programs must have a B.Sc. degree with a grade average of at least "Good," or qualifications deemed equivalent by the appropriate Board of Studies.



- Admission is subject to the approval of the Admission Boards, which will notify candidates of their decision.

- The Admission Boards may request a personal interview with the applicant.

- The prerequisite for admission to Ph.D. degree programs is an M.Sc. degree and a sound academic record, or qualifications deemed equivalent by the Admissions Board.

- Early Admission to the Ph.D. Program: Outstanding students in the M.Sc. program at the Graduate School may be admitted to the doctoral program prior to their completion of all M.Sc. requirements, with the approval of the Dean and the appropriate Board of Studies.

The academic year begins in October. Candidates for M.Sc. programs may register until July 15 of the same year. Applications received after this date will be considered under exceptional circumstances only.

Doctoral candidates may either apply directly to the science department in which they wish to study or contact the Office of the Graduate School. The final decision on admission must be confirmed by the Dean and the appropriate Board of Studies. Ph.D. students may register at any time.

Graduate Studies

M.Sc. Program

The program of studies for the M.Sc. degree is established by the various Boards of Studies in consultation with the Dean. Upon acceptance, students are assigned individual advisers, by the appropriate Board of Studies, who will assist them in planning their program of studies. The program includes lectures, laboratory training (in certain disciplines), seminars, and a research project.

The duration of the M.Sc. program is four semesters, each semester lasting approximately 15 weeks. In certain disciplines, during the first year of M.Sc. studies the student spends three periods of about ten weeks each in research laboratories, participating in ongoing research projects. The M.Sc. thesis research project normally starts after the successful completion of the first two semesters of study. The second year is devoted primarily to research.

Ph.D. Program and Research

In addition to a doctoral research project and dissertation, the program includes lectures, laboratory training (in certain disciplines), and seminars, requiring an average of two to three hours of classroom attendance per week. The Weizmann Institute's world renowned research laboratories are at the disposal of the Graduate School, and Ph.D. students may undertake research in any Institute department.

Candidates for doctoral studies must indicate the particular area in which they wish to carry out their research and obtain the consent of an appropriate adviser. Within six months of enrollment, doctoral students should submit a detailed research proposal to the appropriate Board of Studies. Before presenting their theses, students must complete all course requirements to the satisfaction of their Board of Studies.

The usual period of doctoral training is three to four years; it may be completed in less.

Special Program for Undergraduate Students

Each year the Karyn Kupcinet International Science School of the Weizmann Institute of Science accepts for the summer a select number of outstanding undergraduates who have completed at least two years of study, to participate in research projects in mathematics, physics, chemistry, and life sciences. Dormitory-style housing near the campus is provided. Participants receive a modest stipend to cover living expenses. No travel funds are available. The duration of the program is from a minimum period of ten weeks up to a maximum of four months. Application forms may be obtained from the Academic Secretary, Weizmann Institute of Science, P.O.B. 26, 76100 Rehovot. The deadline for submitting completed applications is February 15.

Student Life

(As described by one of the Institute's foreign students)

The Weizmann Institute is situated on what is probably the most beautiful campus in Israel. The availability of all the modern facilities, the computer system, and collaboration between different laboratories make the Institute a research student's dream. The stipend for Ph.D. students is comparable to that at American universities, without the required additional work, such as teaching. M.Sc. students receive somewhat less.

The number of students is relatively small, approximately 500. It is therefore easy to be at least acquainted with almost everyone on campus. Around one third of the students live on campus in dormitories which, while not luxurious by American standards, are quite comfortable, especially when compared to other local university residences. The single student coming from abroad should realize that in Israel the average graduate student is usually married and several years older than his foreign counterpart. The Institute functions mainly in English, so everybody speaks that language.

Rehovot is a small city with all that embodies. There are several movie houses, and the Institute brings in three movies every two weeks. There are, periodically, student-sponsored parties and trips. Local performers as well as foreign groups catering to all tastes do perform here, but anyone seeking more action would be well advised to make the 30 minute trek to Tel Aviv.

Housing

Dormitory housing at low rates, for single students and married couples without children, is available for a limited number of students. Candidates from abroad who wish to arrange housing for a family must notify the Graduate School well in advance. A special housing allowance, covering only part of the expenses, may be granted.

Financial Aid

As a policy, students receive a fellowship covering tuition and living expenses. The fellowship for Ph.D. candidates is comparable to that at American universities.

For further information in the United States, contact:

American Committee for the Weizmann Institute of Science
51 Madison Avenue
New York, NY 10010
Tel.: (212) 779-2500
Fax: (212) 779-3208

The Open University of Israel

POB 39328, TEL AVIV; TEL. (03) 6460460, FAX (03) 6423639

The Open University of Israel was established in 1974. Designed to transcend such obstacles to higher education as time and distance and to make academic studies accessible to broader populations throughout Israel, the Open University has become a multi-campus university offering a broad spectrum of programs and formats of study, in accordance with the needs and interests of the student.

Authorized by the Council for Higher Education to confer bachelor's degrees, the Open University of Israel offers about 250 courses. More than 16,000 students are enrolled.

Two primary patterns of study prevail at the Open University: individual self-study and group study.

Individual Study

The Open University offers a multimedia study program integrating written textbooks for individual, home study with an exacting battery of assignments and exams, tutorial sessions held once every three weeks in study centers throughout Israel, and a broad spectrum of audio-visual aids, such as home laboratory kits, computers, etc.

The Open University distance study method allows students to pursue a higher education,

whenever and wherever convenient, alongside work or family obligations and without having to relocate. The written textbooks, which constitute the central pillar of the study method, are prepared by Israel's foremost scholars and are designed to be the best possible written lecture in a given field. These books are often recommended reading for students in other universities in Israel.

Group Study

Various sectors of the Open University enrollment prefer or require greater social contact, intensified tutoring, and a group framework for their studies. A new large-scale program for young students offers the same high standards of studies, but in a campus setting with classroom meetings held in twelve regional and municpal colleges, affiliated with the Open University, throughout Israel. The new program, offering weekly meetings, still allows for a large measure of self-study and the use of Open University textbooks.

The following colleges serve as campuses where Open University studies are offered:

In the center of Israel – Ramat Gan College, Efal College, Beit Berl College, Midrasha of Social Sciences and Humanities (Tel Aviv), and Lod College.

In the North – (in cooperation with the University of Haifa) Tel-Hai College, Western Galilee College, and Emek Jezreel College; and (in cooperation with Bar-Ilan University) Emek Hayarden College.

In the South – Ahva College; and (in cooperation with Ben-Gurion University) Eilat College and Shaar Hanegev College.

Group study is also offered in other institutions and organizations, such as the General Labor Federation (Histadrut) and certain large corporations (e.g. banks, the Military Industries, El-Al, and Bezek). Academic studies of the Open University leading to a B.A. degree are integrated into the teaching programs of eight teacher-training colleges, one technological college, and one nursing school.

The student body of the Open University is a diverse combination from every walk of life, every age group, and every region in Israel, each pursuing studies in the format most convenient for them. Soldiers serving on distant outposts and members of far-flung settlements and kibbutzim take advantage of the option of individual studies at a distance to advance their education. Working populations, managers, teachers, and virtually every profession take Open University courses for their flexibility in study hours which is compatible with work obligations.

Programs of Study

The University offers studies in the following areas:

Natural Sciences and Life Sciences
Biology
Chemistry
Geology
Physics

Mathematics and Computer Sciences
Computer Sciences
Mathematics
Statistics

Social Sciences
Economics
Education
International Relations
Management
Political Science
Psychology
Sociology

Jewish Studies
Jewish History
Jewish Literature
Jewish Philosophy

Humanities
Art
Hebrew Literature
History
Linguistics
Music
Philosophy
World Literature

Admission Requirements

Adhering to the principle that everyone has the right to pursue academic studies, the Open University has no formal admission requirements. It has been proven that students possessing ma-

triculation do not succeed better in Open University courses than those who do not. The Open University's open admission policy makes studies available to those who wish to try.

Undergraduate Studies

Over 250 courses are offered towards a bachelor's degree in Humanities, Social Sciences, Humanities and Social Sciences, Natural Sciences and Mathematics, Natural Sciences and Life Sciences, and Computer Sciences. In the Social Sciences, students can focus on a combination of two of the following fields: Management, Economics, Sociology, Psychology, Political Science, and Education.

Unlike the other universities in Israel, the Open University does not require students to choose and gain acceptance to the departments in which they wish to major. Students may choose from the courses offered in accordance with their interests (subject to the prerequisites of advanced courses). Of the 108 credit points required for a bachelor's degree, no more than 36 may be from introductory courses and at least 24 must be from advanced courses. At least 84 credits must be in the area of the student's specialization, and at least two seminar papers must be submitted.

Studies Outside of Israel

Several hundred students take Open University of Israel studies abroad. These students are proficient in Hebrew and take courses and exams in Hebrew. Open University studies abroad are conducted by mail directly between the University tutor and the individual student. Assignments are submitted by mail, corrected and graded in Israel, and then returned to the student. Arrangements are made for supervised exams abroad.

For further information in the United States, contact:

American Friends of the Open University of Israel
330 West 58th St., Suite 4A
New York, NY 10019
Tel.: (212) 713-1515
Fax: (212) 974-0769

Fields of Study in the Universities and Degrees Awarded

The Council for Higher Education grants institutions of higher education in Israel the right to award academic degrees in a wide variety of disciplines. The following table lists the fields of study offered by Israel's universities leading to bachelor's, master's, and doctoral degrees. The table also includes areas of specialization which do not lead to a comprehensive academic degree. For further information, please contact the particular university or the Council for Higher Education.

Table 1: Fields of Study (Including Specializations) in the Universities and Degrees Awarded

Fields of Study	Hebrew Univ.	Tel Aviv Univ.	Technion	Bar-Ilan Univ.	Haifa Univ.	Ben-Gurion Univ.	Weizmann Inst.	Open University
Accounting	BA, PhD	BA		BA	BA	BA		
Administration, Public				BA	BA			
African Studies	BA, MA, PhD							
Agricultural Economics & Management	BSc Agr, MSc Agr, PhD							
Agricultural Sciences	BSc Agr, MSc Agr, PhD							
American Studies	MA, PhD				BA			
Ancient Semitic Languages	BA, MA, PhD				BA, MA			
Animal Sciences	BSc Agr, MSc Agr, PhD							
Applied Science & Technology	MSc, PhD						MSc, PhD	
Arabic Language & Literature	BA, MA, PhD	BA, MA, PhD		BA, MA, PhD	BA, MA			
Archeology	BA, MA, PhD	BA, MA, PhD			BA	BA		
Architecture			B Arch, MSc, DSc					
Architecture - Urban Design			B Arch, MSc, DSc					

Fields of Study	Hebrew Univ.	Tel Aviv Univ.	Technion	Bar-Ilan Univ.	Haifa Univ.	Ben-Gurion Univ.	Weizmann Inst.	Open University
Architecture - Urban & Regional Planning			B Arch, MSc, DSc					
Archives Studies	MLS, PhD							
Art History	BA, MA, PhD	BA, MA, PhD			BA			BA
Assyriology	BA, MA, PhD							
Astronomy		MSc, PhD						
Astrophysics							MSc, PhD	
Atmospheric Sciences	MSc, PhD	MSc, PhD						
Behavioral Sciences			MSc, DSc			BA, MA		
Bible Studies	BA, MA, PhD	BA, MA, PhD		BA, MA, PhD	BA, MA, PhD	BA		
Biochemistry	MSc, PhD	MSc, PhD		BSc, MSc, PhD		MSc, PhD	MSc, PhD	
Biology	BSc, MSc, PhD	BSc, MSc, PhD	BA, MSc, DSc	BSc, MSc, PhD		BSc, MSc, PhD	MSc, PhD	BA
Biophysics		MSc		BSc, MSc, PhD			MSc, PhD	
Biotechnology	MSc, PhD	MSc, PhD	MSc, DSc			MSc	MSc, PhD	

Fields of Study	Hebrew Univ.	Tel Aviv Univ.	Technion	Bar-Ilan Univ.	Haifa Univ.	Ben-Gurion Univ.	Weizmann Inst.	Open University
Botany	MSc, PhD	MSc, PhD		BSc, MSc, PhD			MSc, PhD	
Business Administration	BA, MA, PhD	BA, MBA, PhD		BA, MA, PhD	BA	BA		
Chemistry	BSc, MSc, PhD	BSc, MSc, PhD	BA, MSc, DSc	BSc, MSc, PhD		BSc, MSc, PhD	MSc, PhD	BA
Chemistry of Polymers & Textiles	MSc, PhD						MSc, PhD	
Chemistry, Physical	MSc, PhD	MSc, PhD		BSc, MSc, PhD		BSc, MSc, PhD	MSc, PhD	
Classical Studies	BA, MA, PhD	BA, MA, PhD		BA, MA				
Communication Disorders		BA, MA						
Communications	BA, MA, PhD							
Computer Science	BSc, MSc, PhD	BSc, MSc, PhD	BA, BSc, MSc, DSc	BA, MA, PhD	BA, MA, PhD	BSc, MSc, PhD	MSc, PhD	BA
Criminology	MA, PhD			BA, MA, PhD				
Demography	MA, PhD							
Dentistry	B Med Sc, MSc DMD	DMD						

Fields of Study	Hebrew Univ.	Tel Aviv Univ.	Technion	Bar-Ilan Univ.	Haifa Univ.	Ben-Gurion Univ.	Weizmann Inst.	Open University
Earth Sciences	BSc, MSc, PhD						MSc, PhD	
East Asian Studies	BA, MA, PhD							
Ecology (Environmental Biology)	MSc, PhD			BSc, MSc, PhD			MSc, PhD	
Economics	BA, MA, PhD	BA, MA, PhD	BA, BSc, MSc, DSc	BA, MA, PhD	BA, MSc, PhD	BA, MA		BA
Education	BA, MA, PhD	BA, MA, PhD		BA, MA, PhD	BA, MA, PhD	BA, MA		BA
Education in Technology & Science		BSc Tech	BSc, MSc, DSc				MSc, PhD	
Egyptology	BA, MA, PhD							
Engineering, Aerospace			BSc, MSc, DSc					
Engineering, Agricultural			BSc, MSc, DSc					
Engineering, Bio-Medical		MSc, PhD	MSc, DSc			MSc, PhD		
Engineering, Chemical			BSc, MSc, DSc			BSc, MSc, PhD		
Engineering, Civil			BSc, MSc, DSc					
Engineering, Computer			BSc			BSc, MSc, PhD		

Fields of Study	Hebrew Univ.	Tel Aviv Univ.	Technion	Bar-Ilan Univ.	Haifa Univ.	Ben-Gurion Univ.	Weizmann Inst.	Open University
Engineering, Electrical & Electronics		BSc, MSc, PhD	BSc, MSc, DSc			BSc, MSc, PhD		
Engineering, Environmental			MSc, DSc					
Engineering, Food & Biotechnology			BSc, MSc, DSc					
Engineering, Geodetical			BSc, MSc, DSc					
Engineering, Industrial & Management		BSc, MSc, PhD	BSc, MSc, DSc			BSc, MSc, PhD		
Engineering, Information Systems			BSc					
Engineering, Material			BSc, MSc, DSc			BSc, MSc, PhD		
Engineering, Mechanical		BSc, MSc, PhD	BSc, MSc, DSc			BSc, MSc, PhD		
Engineering, Mineral			MSc, DSc					
Engineering, Nuclear			MSc, DSc			MSc, PhD		
English Language & Literature	BA, MA, PhD	BA, MA, PhD		BA, MA, PhD	BA, MA	BA		
Epidemiology						MSc, PhD		

Fields of Study	Hebrew Univ.	Tel Aviv Univ.	Technion	Bar-Ilan Univ.	Haifa Univ.	Ben-Gurion Univ.	Weizmann Inst.	Open University
Film & Television		BA, BFA						
French Language, Literature & Culture	BA, MA, PhD	BA, MA, PhD		BA, MA	BA, MA	BA		
General Studies in Humanities	BA	BA			BA	BA		
General Social Sciences				BA				
Genetics	MSc, PhD	MSc					MSc, PhD	
Geochemistry							MSc, PhD	
Geodesy & Cartography			BA					
Geography	BA, MA, MSc, PhD	BA, MA, PhD		BA, MA, PhD	BA, MA	BA, MA		
Geology	MSc, PhD	MSc, PhD				BSc, MSc, PhD	MSc, PhD	BA
Geophysics		BSc, MSc, PhD					MSc, PhD	
German Language & Literature	BA, PhD							
Hebrew Language & Literature	BA, MA, PhD	BA, MA, PhD		BA, MA, PhD	BA, MA	BA		BA
History	BA, MA, PhD	BA, MA, PhD		BA, MA, PhD	BA, MA, PhD	BA, MA		BA
History of the Jewish People	BA, MA, PhD	BA, MA, PhD		BA, MA, PhD	BA, MA, PhD	BA, MA		BA

Fields of Study	Hebrew Univ.	Tel Aviv Univ.	Technion	Bar-Ilan Univ.	Haifa Univ.	Ben-Gurion Univ.	Weizmann Inst.	Open University
History & Philosophy of Science	MA	MA, PhD						
History, Military & Diplomatic		MA, PhD						
Immunology						MSc, PhD	MSc, PhD	
Indian, Iranian & Armenian Studies	BA, PhD							
Information Systems		MSc, PhD		BA				
Instruction, Languages		MA						
Instruction, Music & Musical Education		MA		BA				
Instruction, Science	MSc, PhD	MA	BSc		BSc		MSc, PhD	
International Relations	BA, MA, PhD	BA, MA, PhD		MA, PhD	BA, MA, PhD			BA
Islamic & Middle Eastern Studies	BA, MA, PhD			BA, MA, PhD	BA, MA, PhD			
Italian Language & Literature	BA, MA, PhD							
Jewry, Contemporary	MA, PhD			BA, MA				
Jewish Thought	BA, MA, PhD	BA, MA, PhD		BA, MA, PhD	BA, MA	BA, MA		BA

Fields of Study	Hebrew Univ.	Tel Aviv Univ.	Technion	Bar-Ilan Univ.	Haifa Univ.	Ben-Gurion Univ.	Weizmann Inst.	Open University
Labor Studies		MA, PhD						
Land of Israel Studies				BA, MA	BA, MA			
Law	LLB, LLM, LLD	LLB, LLM, JSD		LLB, LLM, PhD	LLB			
Law, Jewish		LLM, JSD		LLM, JSD				
Library Science	MLS, PhD			BA				
Linguistics	BA, MA, PhD	BA, MA, PhD		BA, MA, PhD		BA		BA
Linguistics, Semitic	BA, MA, PhD	BA, MA, PhD		BA, MA, PhD	BA, MA			
Literature, General & Comparative	BA, MA, PhD	BA, MA, PhD		BA, MA, PhD	BA, MA			BA
Management	BA, MA, PhD	BA, MBA		BA, MA		BA, MSc		BA
Management, Health Systems		MHA, PhD						
Maritime Civilizations					MA			
Mathematics	BSc, MSc, PhD	BSc, MSc, PhD	BA, BSc, MSc, DSc	BSc, MSc, PhD	BA, MA, PhD	BA, BSc, MSc, PhD	MSc, PhD	BA
Medical Sciences	MSc, PhD		BSc, MSc, DSc			B Med Sc, MSc		
Medicine	MD, B Med Sc	MD	MD			MD		

Fields of Study	Hebrew Univ.	Tel Aviv Univ.	Technion	Bar-Ilan Univ.	Haifa Univ.	Ben-Gurion Univ.	Weizmann Inst.	Open University
Microbiology	MSc, PhD	MSc, PhD		BSc, MSc, PhD		MSc, PhD	MSc, PhD	
Music	BA Mus, MA Mus	BA, MA, B Mus, M Mus						BA
Musicology	BA, MA, PhD	BA, MA, PhD		BA, MA, PhD				
Neurobiology	MSc, PhD					MSc, PhD	MSc, PhD	
Nuclear Science		MSc					MSc, PhD	
Nursing	BSN	BA, MA				B Nurs		
Nutritional Sciences	BSc Nut, PhD							
Occupational Therapy	BOT	BOT	BOT		BOT			
Oceanography	MSc, PhD							
Operations Research		MSc	MSc, DSc					
Pharmacy	B Pharm, MSc Pharm,PhD							
Philosophy	BA, MA, PhD	BA, MA, PhD		BA, MA, PhD	BA, MA	BA, MA		BA
Physics	BSc, MSc, PhD	BSc, MSc, PhD	BA, BSc, MSc, DSc	BSc, MSc, PhD		BSc, MSc, PhD	MSc, PhD	BA

Fields of Study	Hebrew Univ.	Tel Aviv Univ.	Technion	Bar-Ilan Univ.	Haifa Univ.	Ben-Gurion Univ.	Weizmann Inst.	Open University
Physiology	MSc, PhD	MSc, PhD				MSc, PhD	MSc, PhD	
Physiotherapy		BPT				BPT		
Political Science	BA, MA, PhD	BA, MA, PhD		BA, MA, PhD	BA, MA, PhD			BA
Psychology	BA, MA, PhD	BA, MA, PhD		BA, MA, PhD	BA, MA, PhD	MA		BA
Public Health	MPH, PhD							
Public Policy		MA, PhD		MA				
Quality Assurance & Reliability			MSc, DSc					
Religion, Comparative	BA, MA, PhD							
Romance Studies	MA, PhD							
Russian & Slavic Studies	BA, MA, PhD							
Social Work	BSW, MSW, PhD	BSW, MSW, PhD		BSW, MSW, PhD	BSW, MSW	BSW		
Sociology & Anthropology	BA, MA, PhD	BA, MA, PhD		BA, MA, PhD	BA, MA, PhD	MA		BA
Soil & Water Sciences	MSc, PhD		MSc, DSc				MSc, PhD	

Fields of Study	Hebrew Univ.	Tel Aviv Univ.	Technion	Bar-Ilan Univ.	Haifa Univ.	Ben-Gurion Univ.	Weizmann Inst.	Open University
Spanish & Latin American Studies	BA, MA, PhD							
Statistics	BA, MA, MSc, PhD	BSc, MSc, PhD	MSc, DSc	BA, MA	BA	BA		BA
Talmud (Jewish Oral Tradition)	BA, MA, PhD	BA, MA, PhD		BA, MA, PhD				
Theater Studies	BA, PhD	BA, MA, MFA, PhD						
Urban & Regional Studies	MA							
Veterinary Medicine	DVM, PhD							
Virology						MSc, PhD	MSc, PhD	
Western European Studies	MA							
Yiddish	BA, MA, PhD			BA	BA			
Zoology	MSc, PhD	MSc, PhD		BSc, MSc, PhD			MSc, PhD	

Other Academic Institutions of Higher Education

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Bezalel Academy of Arts and Design

MOUNT SCOPUS CAMPUS, POB 24046, JERUSALEM; TEL. (02) 893333; FAX (02) 823094

Bezalel was founded in 1906 by Professor Boris Schatz as a school of arts and crafts. He believed Bezalel's main goals should be the promotion of Eretz Israel's art and the creation of original Hebrew art. In 1969, Bezalel was raised to the status of Academy of Arts and Design, and is now recognized as the main educational institution in its field in Israel. The Academy was accredited and authorized to award a bachelor's degree by the Council for Higher Education in July 1976.

Bezalel has about 120 teachers and 660 students. As of August 1990, all the academic and administrative departments and units moved to Bezalel's new campus on Mount Scopus. The new campus contains two major edifices: the Weiler Building, housing three departments – Photography, Gold and Silversmithing, and Environmental Design – and the Swig Building, into which the four remaining departments have moved – namely, Industrial Design, Graphic Design, Ceramic Design, and Fine Arts. In addition, two units – the Animation and the Video units – as well as all administrative departments are now housed in the Swig Building. This is the first time, after many decades, that Bezalel has all its departments and units assembled under one roof.

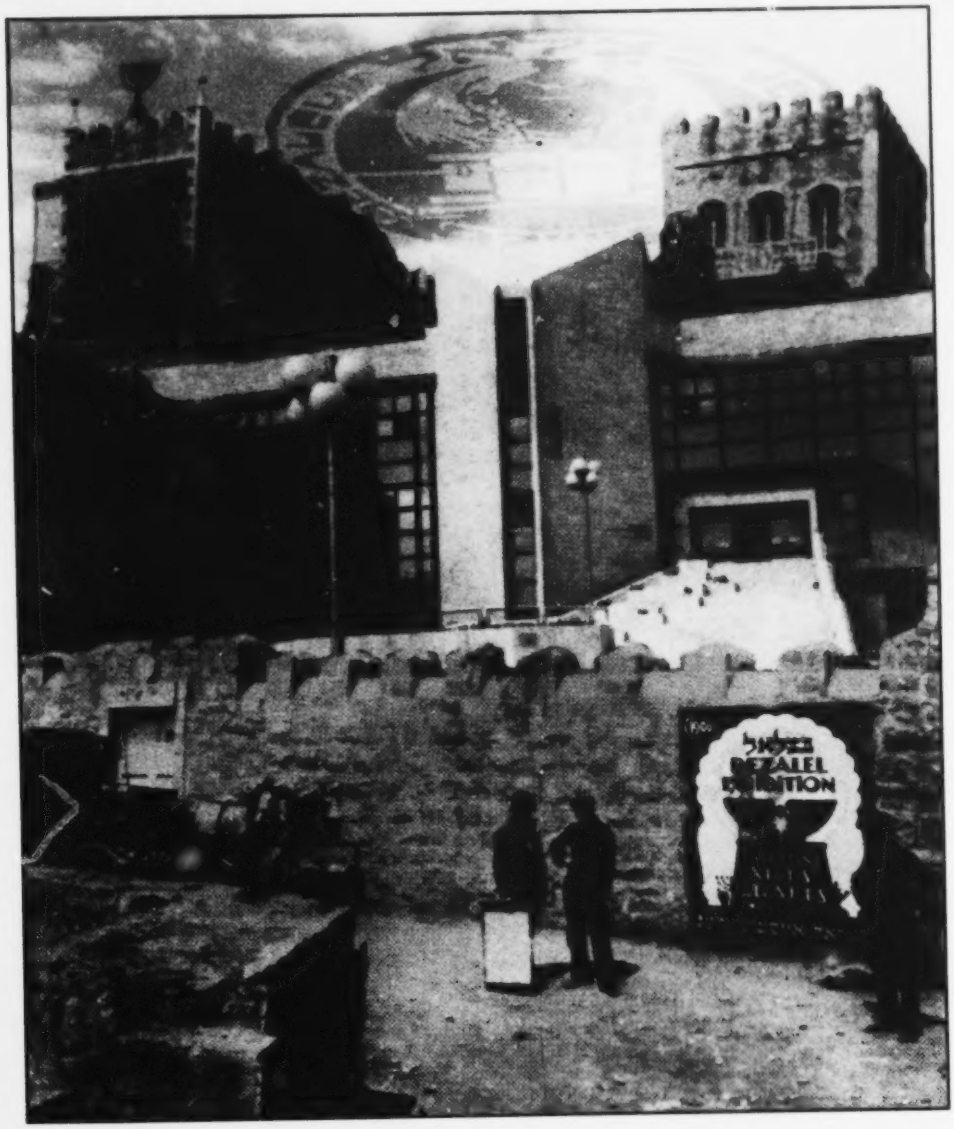
The Academy offers a four-year study program. Graduates of the departments of Fine Arts, Ceramic Design, Gold and Silversmithing, and Photography are awarded the Bachelor of Fine Arts (B.F.A.) degree; graduates of the departments of Graphic Design, Environmental Design, and Industrial Design are awarded the Bachelor of Design (B.Des.) degree.

While the academic year is divided into trimesters, admission is only at the beginning of the academic year. Interdepartmental courses are available for students interested in subjects taught in other departments.

upon presentation of an Israeli matriculation certificate (*Bagrut*) or its equivalent or a high school diploma. The entrance examinations are designed to test the applicants' elementary talents and aptitude for studies in the department of their choice.

- A good command of Hebrew is necessary.
- Applicants are required to submit a portfolio of their work.

No part-time students are accepted.



The Jerusalem Rubin Academy of Music and Dance

GIVAT RAM, 91904 JERUSALEM; TEL. (02) 636232, FAX (02) 527713

The Jerusalem Rubin Academy of Music and Dance, founded in 1947, was accredited and authorized to award the Bachelor in Music by the Council for Higher Education. The Academy offers professional education in creative performance of music and dance. It is the only institution in Israel where a student can begin his or her artistic training at an early age at the Academy's Conservatory, continue through high school to the higher-education level Academy, and receive an academic degree – all at the same institution.

Faculty members are top musicians and dancers, deeply involved in the cultural life in Israel as well as active throughout the world. The students of the Academy are gifted young people from Israel and abroad. Many of the Academy's graduates are numbered among Israel's leading artists and teachers of music and dance.

The Academy's location in Jerusalem is of special significance. Jewish and Israeli cultures, as well as European and Eastern traditions, come together in joint curricula. The Academy offers a curriculum leading to academic degrees, combining theoretical and practical studies with a program in the humanities and social sciences. More than 400 students take part in the various programs available at the Academy.

Of special attraction are the annual Summer Courses organized by the Academy, with the participation of international and Israeli artists.

The Academy feels a responsibility not only to educate young artists but also to contribute to

cultural activities in Israel. Performing ensembles from the Academy give concerts on a frequent basis. Regular concerts performed by students, teachers, and graduates of the Academy are open to the public and attract many music lovers. The public is also invited once a year to attend the "Open Academy" events, which reflect the multifaceted activities in this institution. The Academy also offers special programs of music appreciation on Friday mornings.

Programs of Study

The Academy comprises four main departments:

The Department of Performing Arts offers studies toward the Bachelor of Music (B.Mus.) degree and Artist Diploma. It consists of the following divisions: Keyboard Instrument Division (piano, harpsichord, organ), Orchestral Instrument Division (strings, woodwinds, brass, harp and percussion), Classical Guitar Division, Voice Division, and Jazz Division.

The Department of Composition, Conducting, and Theory offers studies toward the Bachelor of Music (B.Mus.) degree and Artist Diploma. It consists of the following divisions: Orchestral Conducting Division, Choral Conducting Division, Composition Division, and Musical Theory Division.

The Department of Music Education offers studies toward the Bachelor of Music Education (B.Ed.Mus.) degree. The department trains music teachers for elementary and secondary schools. The curriculum includes the study of a selected instrument.

The Department of Dance offers studies toward the Bachelor of Dance (B.Dance) degree, teaching certificate and Artist Diploma. The department has two programs: Performance and Dance Education. Full-time undergraduate students who successfully complete a four-year course of study are awarded a bachelor's degree.

The Joint Program with the Hebrew University enables students to study in departments at both the Academy and the University. Upon successful completion of their studies, undergraduates are awarded the Bachelor of Arts in Music (B.A.Mus.) jointly by the Hebrew University and the Academy.

Graduates of this program will be eligible to pursue graduate studies in their major field at the University and M.A.Mus. studies in the joint program of the Academy and the Hebrew University.

The Joint Graduate Program with the Hebrew University: The Master of Arts in Music (M.A.Mus.) degree is awarded to students following completion of two years of study in one of the Academy's music departments and an additional department of the Hebrew University, according to each department's requirements. The degree is awarded jointly by the Academy and the Hebrew University. Two programs of study are available: one for students who plan to pursue a doctorate and the other for those who do not.

Admission Requirements

Undergraduate Studies toward the B.Mus., B.Ed.Mus., and B.Dance Degrees

- All applicants must have an Israeli matriculation certificate or an equivalent diploma from abroad.

- All applicants must pass entrance examinations at the Academy according to each department's specifications.

- Voice students must present a health certificate from an ear, nose, and throat specialist.

- Students from abroad who do not have sufficient fluency in the Hebrew language are required to participate in Hebrew lessons at the Academy.

Undergraduate Studies–Joint Program with the Hebrew University toward the Bachelor of Arts in Music (B.A.Mus.) Degree

- Applicants must meet all entrance requirements of both the Academy and the chosen department of the Hebrew University (see the chapter on the Hebrew University for details).

Graduate Studies–Joint Program with the Hebrew University toward the Master of Arts in Music (M.A.Mus.)

- Applicants must fulfill one of these conditions:

  Hold a bachelor's degree from the Academy, with a final grade average of 85 or higher in their major field of study. Such students will be required to participate in supplementary studies in the Department of Musicology of the Hebrew University, according to a program approved by the head of the department.

or

  Hold a bachelor's degree in Music with a grade average of 80 (from other academic institutions) and successfully pass the Academy entrance examination in their major field of study and/or in the musicianship studies.

Workshops

The Academy holds Performance Workshops which are compulsory for students of the Department of Performing Arts and are also available to Special Students.

The Workshops include:

1. The Chamber Choir
2. Orchestra
3. Opera Workshop
4. Chamber Music Ensembles
5. Contemporary Music Workshop
6. Baroque Music Ensemble
7. Renaissance Recorders' Ensemble
8. Piano Duos and Piano for four hands
9. Jazz Workshops–Big Band, Combo, Small Ensembles, etc.
10. Dance Repertoire Workshop
11. Ethno Music Workshop (Arabic, African, Gamelan)

Special Students

- Applicants who do not wish to study toward a degree and choose to undertake only part of the degree program must audition so that their performance level may be determined.

- Special students are not required to take the entrance examinations in Theory and Ear-training; however, those who elect not to take these exams may not participate in classes in these areas.

- Candidates who qualify for admission as students to the Academy based on their performance, talent, and proficiency, but who do not wish or are unable to undertake the full curriculum, may be admitted as Special Students. At the end of their studies, they receive a transcript stating their study program and achievements according to the examinations they have taken.

Special Non-Academic Programs

Artist Diploma

The Artist Diploma is awarded to full-time students following the successful completion of a two-year course in the departments of Performing Arts, Conducting, Composition, and Theory, or Dance, and fulfillment of all the requirements for the diploma. The level of studies in this program corresponds to that of a master's degree program.

This program is open to graduates of one of the Academy's departments with a minimal final grade of 90 in their major field of study or to those who received a bachelor's degree in Music from another academic institution and pass the entrance examination in their major field of study. In the latter case, students may be required to take supplementary courses in their major field of study and/or musicianship studies.

Summer Courses

During July-August, the Academy conducts Summer Courses to promote quality and excellence in music and dance. Young artists, teachers, and advanced students may participate. Courses are conducted by well-known artists and guest teachers from Israel and abroad, as well as members of the Academy staff.

Special Summer Courses, in cooperation with the Jerusalem Rubin Academy, also take place in the Misgav Regional Area in the Galilee.

Pre-Academic Studies

This preparatory program is designed for candidates who require additional musicianship training to enable them to pass the Academy's entrance examinations. The studies include one weekly hour of individual tuition in the candidate's major instrument (for candidates to the Department of Performing Arts and the Department of Music Education) and classes in ear training, music theory, and music literature (listening). Students may also participate in minor music courses and in general non-musical studies with the permission of department heads.

In special cases, pre-academic studies will be made available to candidates to the Department of Composition, Conducting, and Theory.

The duration of the preparatory studies program is one academic year.

Student Life

The Student Organization of the Academy is a branch of the Israel Federation of Students. It aims to represent the interests of the student body before the Executive Committees of the Academy, to foster student social and cultural life, and to generate independent expression in these areas.

The Dean of Students deals with the fostering of cultural activity, student guidance, consultations on personal problems, and matters of related interest.

Facilities

Books, records, scores, and professional journals in the Academy Library are available for students' use on the premises. The library includes listening and viewing posts for tapes and video recordings. Practicing facilities are available at the Academy studios.

Housing

A limited number of places in the Hebrew University dormitories are available to Academy students who live outside Jerusalem.

Jerusalem College of Technology

POB 16031, JERUSALEM; TEL. (02) 751111, FAX (02) 422075

The Jerusalem College of Technology (JCT) is an institution of higher education for young men, integrating Torah learning with engineering studies at an academic level. Graduates of its four-year program are awarded the Bachelor's degree in Technology and Applied Science. The founders and faculty of JCT envisage a distinctive *Ben-Torah* graduate who combines an advanced professional career with continuous religious and spiritual growth.

JCT graduates are highly valued professionals, who contribute to Israel's industry and society through their motivation, ethical values, and innovation.

The JCT campus, situated on the hillside between Bayit Vegan and Givat Mordechai, contains two academic teaching buildings, with classrooms, laboratories, workshops and a technological library; a prestigious educational center, which houses the *Beit Midrash* and the Judaica Library; dormitories; and an administration building. The regular faculty consists of 100 scientists, industrial engineers and religious studies faculty, who are experienced and accomplished in their field of expertise.

Students and faculty members contribute actively to industrial research and development projects under curricular and extracurricular arrangements. In some instances, students have designed viable new devices, techniques, and industrial processes.

JCT welcomes students from abroad. Many of JCT's faculty members are themselves from abroad and are sensitive to the requirements of overseas students.

JCT graduates are employed in numerous enterprises, including Elbit, Optrotek, Elta, El-Op, Orbot, Bezek, Telrad, Luz, Motorola, Scitex, Tadiran, Israel Aircraft Industries, the police force, and the Israel Defense Forces. JCT graduates have also

been involved in the establishment of a dozen private companies. Numerous graduates have continued their formal education toward masters and doctoral degrees in institutions of higher education in Israel and abroad.

Programs of Study

Science and Technology

JCT offers bachelor's degree studies in the following areas:

The Electronics Department includes courses in electronic engineering, micro-computers, operational amplifiers, analog and digital communication, command and control systems, electromagnetic field theory, transmission lines, and microwave and radar technology.

Graduates of this department work in research, design, and development in all fields of electronics. This includes micro-computer engineering, computer-based electronic systems, signal processing, computer vision, analog and digital systems, and advanced tele-communications.

The Computer Sciences Department offers specialization in Computer Systems and Industrial Accounting. The curriculum in computer systems includes courses in programming, computer systems structure, software, electronics, micro-computers, industrial systems (robotics), artificial intelligence as well as management and operation of information systems, technology of decision making, and computer architecture.

Graduates in this field work in software design and development of real time systems, embedded computer systems, industrial control systems, robotics, databases and data processing, as well as management and operation of information systems, cost accounting, and performance evaluation.

The Physics/Electro-Optics Department includes courses in modern optical engineering and electro-optics: optical design by computer, physical optics, holography, imaging systems, lasers, light detection, and quantum optics. The curriculum also provides a strong background in foundations of physics, including statistical and quantum mechanics, solid state, electromagnetic theory, applied mathematics, and electronic engineering.

Graduates of this department work in communications (fiber optics), defense (laser systems, night vision, aerial photography), image analysis, optical memories, information systems, medical physics, and applied physics research. In all these fields they engage in the most advanced engineering research and development.

Department of Science Teaching. In addition to their technological major, students may enroll in the Science Teaching program, in order to receive a teaching certificate for secondary school instruction in science and technology.

The Science Teaching program emphasizes use of the computer as a tool for instruction and evaluation.

Graduates of this program integrate into the secondary school system, into industrial training systems and other educational environments. Their responsibilities include pedagogic management and curricular development, in addition to direct instruction.

Beit Midrash

Studies in the *Beit Midrash* follow traditional yeshiva format, designed to develop each student into a distinctive *Ben-Torah*. The *Beit Midrash* study provides opportunities for joint learning, daily lectures, and independent study. The curriculum includes *Gemara*, *Tanach*, Jewish Thought, and *Halacha*.

Student Project and Thesis

All students in their final years undertake a relevant project in their field of specialization, under the supervision of an expert at the College or in the professional field. Project clients include hospitals, private industrial plants, educational institutions, the Israel Police Force, and the Israel Defense Forces (IDF).

The Academic Reserves

There is significant demand in the IDF for the specialties taught at JCT. Candidates who are eligible for the IDF draft may enroll within the Academic Reserves program. These students receive army deferment. Upon graduation they serve in the IDF, usually in their field of specialty.

Candidates for this program who have matriculated abroad and have registered at the Ministry for Interior as Israeli citizens or permanent residents are eligible for the program. They must commence their studies within one year of their arrival in Israel.

Admission Requirements

- Candidates from overseas must have a level of education equivalent to the Israeli matriculation certificate (*bagrut*), some religious education, and a basic knowledge of Hebrew and English.

- Two letters of recommendation from a rabbi, advisor, or other educator must accompany the application for admission.

- Each candidate is interviewed prior to enrollment. The interview may be arranged in advance with a representative of the College either in Jerusalem or in a major city abroad.

The Mechina–Preparatory Program for New Immigrants

The *Mechina* for new immigrants interested in enrolling in JCT's regular academic program includes courses in Hebrew, mathematics, physics, computers, religious studies, and English (for non-English speakers).

Financial Aid

JCT offers scholarships and loans for needy or outstanding students. Students in need of financial aid should apply to the College's scholarship committee.

Housing

Dormitory accommodations on campus and in its vicinity are available, but cannot be guaranteed. The campus dining hall offers three meals daily.

Student Life

There are over 400 students (including those in the *Mechina* programs), 75% of whom are Israelis and the remainder from the U.S., Canada, United Kingdom, Russia, France, South Africa, and South America. Approximately one third of the students live on campus.

Morning hours are devoted exclusively to Talmudic studies, with technological studies taking place in the afternoon. The laboratories and computers are available to students all evening. Many students regularly participate in voluntary community assistance programs in local hospitals and schools.

Shenkar College of Textile Technology and Fashion

12 ANNA FRANK ST., 52526 RAMAT GAN; TEL. (03) 7521133, FAX (03) 7521141

The Shenkar College of Textile Technology and Fashion was established to provide academically trained designers and specialists for the apparel and textile industries, and to ensure further growth and development in the areas of technology, design, production, and management.

The College was founded in 1970, on the initiative of the economic conference held in Jerusalem in 1968. The conference recognized the increasing need for highly qualified young men and women in the Israeli textile industry, which had already gained a foothold in international markets and was rapidly turning into a science-based industry.

The College awards bachelor's degrees in all of its five departments: Textile Technology, Textile Chemistry, Industrial Management, Fashion Design, and Textile Design.

A special Placement Department functions as a link between the textile industry and its potential manpower. The department provides information on the manpower needs of the industry and encourages reciprocal connections between students and textile manufacturers through periods of in-plant training, which are an integral part of the courses offered by the College. The department also initiates joint projects and research.

The College is equipped with modern, sophisticated laboratories, which were set up with the assistance of the Friends of the College in Israel and abroad.

The ongoing scientific and technological research at the Shenkar College has already yielded a number of patents and new production techniques, as well as numerous publications of staff members in scientific and technical journals. The College also provides know-how and scientific services to the Israeli textile industry.

Programs of Study

The Textile Technology Department offers courses in fiber and yarn technology, knitting, weaving, dyeing and finishing technology, garment manufacture, and supporting academic, managerial, and engineering subjects, such as physics and mathematics, mill organization, psychology, electronics, and computer science. Upon completion of the four-year program offered by the department, the student is awarded the Bachelor of Technology (Textile) degree.

The Textile Chemistry Department trains students for the textile dyeing, finishing, and printing industry. The curriculum of the department includes courses in polymer science, fiber science, color science, textile chemistry with emphasis on chemical treatment of textile materials, composite materials, and chemical and industrial technology. In addition, supporting courses in chemistry, physics, and computer science are offered. Upon completion of the four-year program, the student is awarded the Bachelor of Technology (Textile) degree.

The Industrial Management Department prepares students for management positions in the textile and clothing industry. The student acquires a broad base in the technology of textile and clothing and in basic management courses and then chooses one of two programs of specialization:

a. Industrial Engineering/Computer Systems, consisting of courses in production management, operations research, computer systems and applications, systems analysis, etc.

or

b. Management/Marketing, consisting of courses in financial management, business law, marketing strategy, consumer behavior and market research, marketing of textile and clothing and international marketing.

Upon completion of the four-year program offered by the department, the student is awarded the Bachelor of Technology (Industrial Management) degree.

The Fashion Design Department prepares students for positions as designers, assistant designers, fashion coordinators, stylists, etc. Courses are offered in design, art, and the humanities, including Life Drawing, Painting, Sculpture, Two and Three Dimensional Design, Fashion Sketching, Draping, Flat Pattern, Manufacture Technology, English, History of Art, and Textile Science. Upon completion of the four-year program offered by the department, the student is awarded the Bachelor of Design (Fashion) degree.

The Textile Design Department trains students for careers as professional designers within the textile industry. Courses are offered in design, art, and the humanities, such as Design for Woven, Knitted and Printed Fabrics, Design of Fabrics for Fashion and Home Furnishing, Life Drawing, Nature Drawing, Painting, Sculpture, Two and Three Dimensional Design, Modern Literature, Psychology, History of Civilization through Art, English, Sociology, and Textile Science. Upon completion of the four-year program offered by the department, the student is awarded the Bachelor of Design (Textile) degree.

Admission Requirements and Application Information

- Candidates must have completed twelve years of schooling and possess an Israeli matriculation certificate or its equivalent.

- Candidates for the departments of Fashion Design and Textile Design are individually interviewed by staff members. They are required to produce samples of their previous work in related areas and to take examinations which are aimed at ascertaining their potential as designers.

- Candidates for the departments of Textile Technology, Textile Chemistry, and Industrial Management are required to take the Psychometric Entrance Test, and to pass the minimum required level.

• Candidates for the above three departments are also required to take a pre-academic course in Mathematics and Physics. The course extends over approximately two months and is given shortly before the beginning of the academic year.

Application Information
Registration usually starts in January and ends by mid-February for Fashion Design and Textile Design and by the end of April for other departments.

Overseas Students: A number of foreign students have studied at the College over the years. To make it easier for overseas students to take the regular programs, it is recommended that they have an elementary command of Hebrew before beginning studies at the College. In order to determine whether an overseas candidate will be required to enroll first in a Preparatory Program, a copy of his or her high school diploma and transcripts should be submitted prior to registration.

Financial Aid

Textile and apparel industrialists from Israel and abroad have set up special funds to assist students with their tuition fees and living expenses and to facilitate their studies through loans, scholarships, and awards.

Student Life

The Shenkar Student Council is elected by all the students of the College and is affiliated with the National Association of Students in Israel. The Council organizes parties, social and cultural activities, and publishes the student journal. Social activities are held in the Student Center, which was generously donated by the Friends of the Shenkar College abroad. Student activities are encouraged by the academic and administrative staff, and this makes for an excellent rapport and a pleasant social atmosphere. An Alumni Association has been established.

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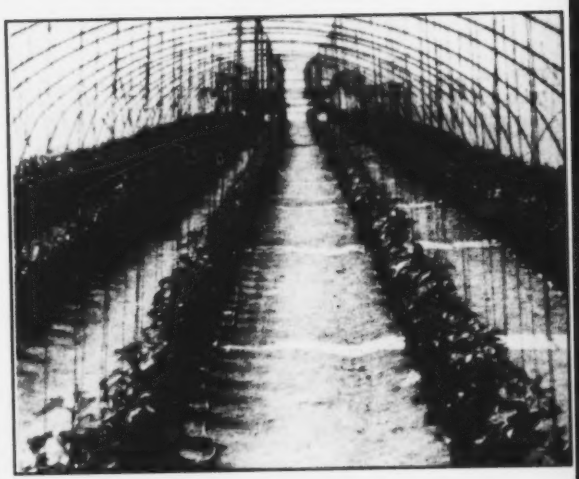
Ruppin Institute of Agriculture

60960 EMEK HEFER; TEL. (053) 685131, FAX (053)687257

The Ruppin Institute is an educational institution serving the professional training needs of the Israeli kibbutz and moshav movements. It is named after Arthur Ruppin, whose vision and organizational skills helped these settlements grow from isolated experiments in communal living into a major pioneering and economic force in Israeli society. Founded in 1949, the Ruppin Institute's mission is to maintain this vision and to provide the kibbutz and the moshav with the tools to meet their ever-changing needs. Each year it offers hundreds of courses in economics, management, agriculture, practical engineering, and vocational training. The Institute's lovely, rural campus is centrally located, with easy access to Israel's major cities.



In order to understand the Ruppin Institute, it is necessary to know something about the kibbutz and the moshav. They are unique, Israeli, cooperative economic and communal settlements, first established eighty years ago by idealistic young Zionists who dreamed of creating a new society according to ideals of equality, social justice, and a return to working the land. Today there are over 250 *kibbutzim*, with more than 120,000 inhabitants. *Moshavim*, a less extreme form of cooperative, today number over 400, with a population of approximately 160,000.

Kibbutzim were once based primarily on agriculture, but nowadays industry and services account for over half of their annual output. The Ruppin Institute's dynamic educational programs attempt to stay ahead of these changes, providing stu-

dents with the knowledge and skills to meet tomorrow's challenges. In the face of rapid growth and socioeconomic transformation, the kibbutz still strives to maintain its fundamental values of equality and social justice. All members share equally in the earnings, no matter what job they perform or what role they play. *Kibbutzim* are participatory democracies in which managers and officials are elected for limited terms, after which they are required to vacate the position.

The Ruppin Institute designs its educational programs with great emphasis on preparing workers and managers who can make organizational democracies function effectively. In keeping with the norms of kibbutz life, a down-to-earth, informal atmosphere is maintained, which minimizes status differences and maximizes cooperation among faculty and students alike.

Programs of Study

The Academic Program

There is one academic program which has been accredited by the Council for Higher Education and authorized to award the bachelor's degree in Economics and Management of Communal Settlements. In addition to courses in economics and management, this unique department provides students with a strong foundation in psychology, sociology, and kibbutz-moshav studies. Students also undergo a special "skills" program designed to enhance their interpersonal and organizational effectivenous. The main course of study is an intensive two-and-one-half-year bachelor's degree program. The faculty consists of lecturers who acquired their doctoral degrees from top universities in the U.S., Europe, and Israel.

Non-Academic Programs

The Department of Economics and Management of Communal Settlements also offers shorter, non-academic executive programs, such as Foundations of Economics and Management, Business Administration, Accounting, Advanced Financial Management, Insurance, Advanced Industrial Management, Marketing and Export Management, and Business English.

The School of Engineering offers courses to train technicians and practical engineers in such fields as industry and management, construction, land and water use, control systems, plastics, computers, and agriculture.

The Technological Up-dating Department offers short-term programs designed to expose working professionals to the latest technological breakthroughs and advances. Courses include Robotics, Value Engineering, Industrial Design, and Developing Creative Thinking.

The Agriculture Department offers courses in almost every agricultural branch, such as cotton, bananas, flowers, livestock, poultry, aquaculture, field crops and citrus.

The Computer Center provides both courses in computing and computer services to students in all departments at the Ruppin Institute. In addition, it offers special courses and in-service training in such areas as programming, word-processing, Pascal, data base design and managing computer systems.

The College of Management–Academic Studies, Tel Aviv

POB 48068, TEL AVIV; TEL. (03) 6990446, FAX (03) 6990460

In April 1988, the Council for Higher Education accredited the College of Management - Academic Studies, in Tel Aviv, to award the Bachelor of Business degree in two majors: Accounting and Marketing.

The objective of the program is to enable graduates to assume managerial responsibilities in both the public and private sectors. To achieve this end, various teaching methods, including lectures, seminars, case studies, and computer exercises, are employed. Advanced courses often include lectures by prominent scientists and top-echelon managers, who are invited to share their practical knowledge with the students.

The program is unique in Israel in its flexibility, offering day time or evening courses. In both cases, eight semesters are required for its completion.

In 1990/91, 2,000 students were enrolled: 900 Accounting majors and 1,100 Marketing majors. Forty percent of the students study in the evening program and sixty percent in the day program.

The College cooperates with professional organizations and government agencies such as the Commission of State Employees, the Banking Association, the Auditors' Board and the Chamber of Comptrollers. This cooperation allows the College to keep abreast with changes and progress in the "real world."

Programs of Study

The Accounting Program is designed to train qualified accountants, comptrollers, auditors, and

tax experts. The program meets the demands of the Auditors' Board.

The Marketing Program is designed to prepare the students for senior marketing positions in Israeli firms. Different aspects of marketing are covered. The following sub-specializations are offered: Sales Management, International Marketing, Mass Media and Advertising, and Innovation and International Marketing.

The following programs have been accredited but are not yet authorized by the Council for Higher Education to award an academic degree:

The Management and Human Resources Program is designed to prepare students for general management and management of human resources *in organizations.*

The Finance Program trains students for the role of finance managers in firms and organizations in different sectors of the Israeli business economy.

The Management of Information Systems Program prepares students to assume positions as information systems analysts and computer experts. Graduates are automatically admitted as members of the Israeli Association of Systems Analysts.

Admission Requirements

Candidates must have an Israeli matriculation certificate or its equivalent from abroad, or a certificate of completion of a pre-academic program at an Israeli university. Psychometric Entrance Test scores must be submitted.

Financial Aid

Special awards are given to outstanding students.

Facilities

Students and faculty members have access to a substantial number of books, periodicals, and other publications, in both Hebrew and English, in the library.

Computer laboratories are available to students for individual practice.

The David Yellin Teachers College

POB 3578, JERUSALEM; TEL. (02) 513111, FAX (02) 521548

The David Yellin Teachers College, located in the Beit Hakerem section of Jerusalem, was established in 1913. Continually expanding its program to meet developing needs, the College is now one of the most comprehensive teacher education institutions in Israel.

The College's programs feature a wide variety of workshops and creative projects and combine extensive practical teaching experience with theoretical learning.

The College was accredited by the Council for Higher Education and authorized to award the Bachelor of Education (B.Ed.) degree in certain fields of study, upon successful completion of its four-year programs.

Programs of Study

Academic Programs

Early Childhood Education offers a program for training kindergarten, first-grade and second-grade teachers.

Elementary School Education offers a program for training general teachers in elementary school grades 3-6.

The above programs lead, after three years of study, to Senior Qualified teacher certification and/or after four years, to the B.Ed. degree.

All students enrolled in one of the above programs must major in one of the following subjects:

English
Hebrew Language
Hebrew as a Second Language

History and the Land of Israel
Natural Sciences
Mathematics and Physics.

Junior High School Education offers a four-year program which prepares teachers to work in junior high school and leads to a B.Ed. degree. Students in this program must major in two subjects from the above list.

The Elementary School–Special Education Program combines general education and special education for grades 3-6. Workshops, clinics, and student teaching provide students with practical experience which prepares them to work in the field of special education. After four years, this program leads to the B.Ed. degree.

Specialization in the Arabic Language–Elementary and Junior High School Education offers a four-year program to prepare teachers of Arabic. The College was permitted to open the program, but it has not been accredited nor authorized to award the B.Ed. degree.

Teacher Retraining for an Academic Degree offers a program for teachers who wish to earn a B.Ed. degree.

Non-Degree Programs

The Rachel Shazar Institute for Remedial Education offers a one-year special education program for certified kindergarten and elementary school teachers, as well as others with academic degrees in education, psychology, occupational therapy or physical therapy, to become certified teachers of mentally retarded or learning disabled children. The Institute also offers a two-year program, which may be taken on a part-time basis, for the education of music and art therapists.

Teachers for Innovative and Open Education features a one-year teaching certification program for teachers and others with academic degrees who would like to specialize in innovative and open-education theories and methods.

In-Service Teacher Education provides a program for teachers in the field who seek advanced training to upgrade their qualifications and thus become eligible for greater professional advancement. Program specializations include graphics, music, arts, theater and drama, adult education, parent education, Hebrew language and literature, Judaic studies, and mathematics. A retraining program is also offered to university graduates who wish to enter the teaching profession.

Programs for New Immigrants include a one-year Preparatory Program (*Mechina*) in Hebrew and Judaic studies, which provides new immigrants with necessary background before they enter the regular college program. The College also offers a training program for new immigrant teachers to become teachers of English as a foreign language.

The Arab Special Education Program offers a three-year special education program fpr Arab students who plan to work in elementary and junior high schools in the Arab sector. This program leads to Senior Qualified Teacher certification.

Special Facilities

The Early Childhood Demonstration School serves the College's Early Childhood Center as a laboratory where innovative programs can be tested and then applied elsewhere. The Demonstration School includes a nursery, kindergarten, and first and second grades, all working together as one flexible integrated unit.

The Pedagogic and Resource Centers provide future teachers with multi-media resource materials and instruction in the pedagogic application of modern technology. They also contain a language laboratory, closed-circuit television system, and videotape recording studio. Students are given the opportunity to put theory into practice on a workshop basis.

The Eli and Bessie Cohen Learning Disabilities Clinic, working with both children and teachers, diagnoses learning disabilities and suggests remediation programs.

The Institute for Judaic Studies is designed to strengthen the Jewish identity and knowledge of students who are preparing to become teachers.

Through special courses combined with innovative and creative extracurricular activities, the unique Jewish character of the State of Israel is translated into meaningful experience and understanding.

The Children's Literature Institute contains a major reference library of children's literature, publishes research material, and conducts in-service teacher-education programs for students, educators, and parents whose interest lies in the field of children's books.

The National Center for Teachers of the Mentally Handicapped reaches out to professionals and para-professionals as a resource and consultative center for the mentally handicapped by sponsoring conferences, seminars, and symposia for professionals in Israel and abroad, and by preparing original curricular and pedagogic aids.

The Computer Center enables students to study those computer languages most suitable for school-age children, as well as programming techniques for creating individualized lessons. The Center prepares students and teachers in the educational use of computer technology.

The Jerusalem Institute for Environmental Studies works with the Geography Department in fostering awareness of the environment in the land of Israel, with the focus on Jerusalem, and serves as a resource center for researchers, students, and teachers. The program includes in-service training and retraining of teachers from abroad. Educational materials for use in schools at all levels are developed.

Admission Requirements

- Candidates must have an Israeli matriculation certificate or its equivalent.
- An entrance examination and a personal interview are generally required.

For additional information abroad, contact:

In the United States
Friends of the David Yellin Teachers College
1501 Broadway, Suite 1613
New York, NY 10036-5503
Tel.: (212) 391-8686; Fax: (212) 768-2012

In Great Britain
Friends of the David Yellin Teachers College
c/o Mr. Richard Sherrington
Sherrington Solicitors
112 Station Road
Edgware, MDDX HA8 7BJ
England

Michlalah–Jerusalem College for Women

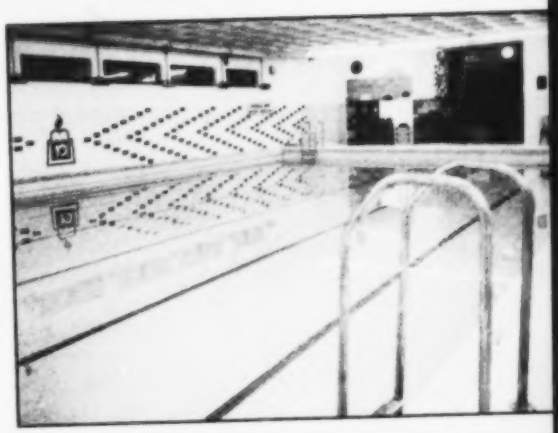
POB 16078, JERUSALEM; TEL. (02) 422481, FAX (02) 422483

Michlalah–Jerusalem College for Women was founded in 1964 by Rabbi Dr. Yehudah Copperman, an Irish-born and educated biblical scholar and author, with 23 students in two rented apartments in the Bayit Vegan section of Jerusalem. Today the campus is located on a beautiful, five-acre mountainside plot in Bayit Vegan.

Patterned after the highly acclaimed women's colleges in the U.S., in 1979 Michlalah became the first teachers college in Israel to be accredited by the Council for Higher Education and the first authorized to award the Bachelor of Education degree (B.Ed.).

Michlalah has grown into one of the most prestigious teacher-training institutions of higher education in Israel, with a student body of 850. It offers a comprehensive teacher-training program in Jewish Studies, majors in many general disciplines, and a number of schools in specialized fields.

In 1969 the College opened its doors to overseas students proficient in Hebrew and with good backgrounds in Jewish Studies. The Linda Pinsky School for Overseas Students attracts outstanding religious high school graduates from all over the world.



Qualified foreign students can apply to the regular four-year program. Students completing one year in the Pinsky School are able to continue in the regular program in pursuit of the B.Ed. degree.

Michlalah takes great pride in its graduates. Almost 2,000 are presently engaged professionally in the field of education as teachers, guidance counselors, and administrators all over the world. Others have returned to their alma mater with advanced degrees and hold important faculty positions.

Programs of Study

The following is a list of the various disciplines which can be studied toward the B.Ed. degree:

Computer Science
English Language and Literature
Hebrew Literature
Jewish Studies
  Tanach
  Torah Sheh'Baal Peh
  Yahadut
Joseph (J.T.) and Faye Tanenbaum School of Education
  Guidance and Counseling
  Pedagogy
  Special Education
Mathematics
Music
Science (Biology, Chemistry)

The Pedagogy Department is responsible for all teacher-training programs and maintains a number of special units to further the effectiveness of all Michlalah graduates:

Institute for Treatment of Children with Learning Disabilities
Ted and Florence Richmond Montessori Kindergarten
Pedagogic Workshop in Jewish Studies

Students are awarded teaching certification after three years and a Bachelor of Education degree from Michlalah after four years.

Admission Requirements

- All courses are taught in Hebrew and fluency in the language is a basic requirement.

- Israeli candidates must have an Israeli matriculation certificate and pass competitive examinations in their respective fields of specialization.

- Overseas applicants must submit full documentation of their qualifications, including transcripts, Regents scores, A-levels, SAT scores, etc.

- Wherever possible, the candidate will sit for a written examination and be interviewed by a visiting school official or proctor.

Special Non-Degree Programs

Shnat Chesed
All freshmen in the regular four-year degree program (Israeli and foreign) are eligible to participate in a government-sponsored program of "Social Service" under the direction of Michlalah and in cooperation with the Jerusalem Municipality.

The Linda Pinsky School for Overseas Students
The Pinsky School attracts a select group of outstanding Jewish day school graduates from all over the world to an advanced program in Jewish studies. The program includes *Tanach, Torah Sheh'Baal Peh, Yahadut,* Hebrew language, *Shoah* studies, and biblical geography with supervised field trips. An elective Pedagogy Program for the Training of Day School Teachers for the Diaspora is available. Participation in the Pedagogy Program and a written examination by the Ministry of Education earns day school teacher certification. Credit for courses completed is granted by most U.S. and Canadian universities.

Enrichment programs include Hebrew music, folk dancing, swimming, crafts, guest lecturers, and an optional Holocaust tour to Poland, Romania, and Czechoslovakia.

Applications are available at most Jewish secondary schools, from the College in Jerusalem, and from the American Friends of Michlalah in New York.

Students who successfully complete the year may continue to study in the second year of the College's regular four-year degree program.

Teaching Certification
A program in Jewish studies and pedagogy qualifies graduates from recognized universities in Israel and overseas for a teaching certificate.

awarded by the Ministry of Education and Culture, to teach in elementary and junior high schools.

Mechina Programs
A one-year preparatory program helps Israelis and Europeans qualify for admission to the College's degree program. A separate program is designed exclusively for recent Russian immigrants.

Extension Studies
The Henry and Edith Everett School for Extension Studies develops video techniques for communication through video. It produces and distributes throughout the world non-academic video courses in Jewish Studies by members of the faculty.

Facilities

Michlalah's 38 buildings form a self-contained learning and living center for its students, with computer facilities, science laboratories, a pedagogic workshop, video studios, and a library center.

The student dormitories have full-housekeeping facilities. First-year students who are not from Jerusalem are expected to live on the campus.

There is a heated indoor swimming pool, a student book store, a cafeteria, and a supermarket.

For further information in the United States, contact:

The American Friends of Michlalah – Jerusalem College for Women
1350 East 54th Street
Brooklyn, NY 11234
Tel.: (718) 531-9090
Fax: (718) 209-0769

Beit Berl Teachers College

POST BEIT BERL, 44905 KFAR SABA; TEL. (052) 906333, FAX (052) 454104

Beit Berl is a major educational center, which offers both formal and informal educational programs at many levels. The extensive educational complex includes the following institutions: Beit Berl Teachers College, a regional comprehensive high school, a pre-academic studies center, a seminar for youth movement leaders, a seminar for vocational school counselors, a Zionist political seminar, a training and study center for youth workers, a workers educational center, a library, archives of the Israel and World Labor parties, and an exhibition center. Beit Berl College offers a variety of academic and non-degree programs.

Programs of Study

Academic Programs
The College in Kfar Saba has been accredited by the Council for Higher Education and authorized to award the Bachelor of Education (B.Ed.) degree to students who successfully complete one of the four-year programs listed below.

Early Childhood Education trains teachers for Kindergarten and the first and second grades.

Elementary School Program trains general teachers for grades 3-6.

These two programs lead to the Senior Teacher certificate on completion of three years of study and the B.Ed. on completion of four years.

All students enrolled in Early Childhood or Elementary School Education must major in one of the following subjects:

Hebrew Language
Literature (Hebrew and General)
History (Jewish and General)
Bible
English
Geography
Land of Israel
Social Studies
Natural Studies

Junior High School Education offers a four-year program which trains teachers for Grades 7-10 and leads to the B.Ed. degree. Students enrolled in this program must major in two subjects from the above list.

The Special Education Program combines the study of general and special education, providing students with theoretical and practical experience which prepares them to work in the field of special education. The four-year program leads to the B.Ed. degree.

The Informal Education Program prepares teachers and educational staff for work in various organizations and community centers within the informal education system. The four-year program leads to the B.Ed. degree.

Arabic and Agriculture: The College has been permitted to maintain teacher-training programs in these subjects; however, they have not yet been accredited and the College has not been authorized to award academic degrees to their students.

In-Service Teacher Education provides a program for qualified teachers who seek to upgrade their qualifications and update their knowledge. Teachers may earn a B.Ed. degree after finishing a course of study suited to their needs.

Non-Degree Programs
Special programs include a pre-pedagogic course, training program for elementary school teachers of Arabic, training program for elementary school administrators, training program for new immigrant English-language teachers, courses leading to certification as a tour guide, courses in social sciences for trade union workers, and a variety of courses to serve the community and its needs.

Admission Requirement

Applicants for academic programs must have an Israeli matriculation certificate (*Bagrut*) or its equivalent.

Levinsky Teachers College

POB 48130, TEL AVIV; TEL. (03) 6426162, FAX (03) 6993546

Levinsky Teachers College, situated at the northern entrance to Tel Aviv in Kiryat Hachinuch, was founded by Hovevei Zion in 1913 and was the first Hebrew teachers college in Eretz Israel. Today, with a faculty of 300 teachers, 1,000 regular students, and 1,000 in-service teachers, the College is one of the largest and most comprehensive teacher education institutions in Israel.

The College aims to prepare educators and teachers who are not only well versed in their studies but also conscientious citizens aware of their Zionist and Jewish heritage.

Throughout their course of studies, students are continuously involved in practice teaching in kindergarten, elementary, or junior high school and thus combine theory and practice directly. Student self-sufficiency is fostered through tutorials, project work, and extracurricular activities.

The College is accredited by the Council for Higher Education and authorized to award the Bachelor of Education (B.Ed.) degree to graduates who have successfully completed four years of study in certain fields of study.

Students who complete the three-year study program are granted a teaching certificate qualifying them to teach through the ninth grade.

Programs of Study

The Early Childhood Education Department prepares teachers for kindergarten and first and second grades. Teacher education is based on the humanistic approach and stresses active learning. A kindergarten is attached to the department and serves as its new methods "laboratory," where new methods and techniques are tested.

The Elementary School Education Department prepares general teachers for grades 3-6 of elementary school. Subjects studied are literature, bible, mathematics, geography, natural sciences, history, language, and Jewish studies.

The Special Education Department trains teachers to work with children in various Special Education frameworks, such as remedial classes or classes for children with learning disabilities, at all levels. Studies focus on retardation, mental disturbances, and learning disabilities.

The Junior High School Education Department (Intermediate Division) prepares teachers for junior high school grades 7-10 specializing in one of the following subjects: literature, language, history, mathematics, English and biology. The specific course of studies in each field includes theoretical developments, thorough grounding in the

subject matter, and extensive background courses. An Arabic program (spoken and literary Arabic as well as enrichment courses in various aspects of Islamic culture) has received a permit from the Council for Higher Education, but has not yet been accredited.

The Music Education Department trains music and movement teachers for the educational system. Other specializations include music and movement in Special Education, and choir-conducting, which are not yet accredited.

The In-Service Training Center of the Ministry of Education enables teachers to obtain in-service training in various fields.

Academic Retraining Department: Students with academic degrees who desire to retrain as teacher-educators may enroll in this special program for university graduates.

Special Facilities

The Library Center contains over 70,000 books covering various scientific areas and subscribes to a wide range of professional periodicals. It contains the largest department of musicological literature in Israel, as well as an extensive record library.

The Center for the Use of Computers in Education enables students to practice the use of computers in education.

The Syllabus Center enables the student to become familiar with teaching programs used all over the country and to receive assistance in implementing them.

The Active Learning Center develops active learning methods and strategies and enables students, as well as in-service teachers, to practice active teaching.

The Reading Center conducts research and experimental studies in the areas of reading techniques and reading comprehension.

The Language Laboratory is devoted to improvement of pronunciation and aural-oral skills in the languages taught at the college: Hebrew, Arabic, and English.

The Teaching Aids Laboratory prepares students for designing and using learning centers, educational games, and other teaching aids. It also serves teachers from all over the country.

Meimad Center – Computers in Special Education deals with diagnosing difficulties (with special interest in C.P. children) evaluating ability, adjusting special equipment, determining a program for treatment and teaching, and following up the progress (including future evaluations).

The Center for Jewish-Spanish Studies aims to foster understanding of the importance of the role of the Jewish-Spanish heritage in Jewish culture. Its activities include revising existing curricula and conducting seminars and courses.

The Institute for the Teaching of Zionism uses an interdisciplinary approach. The personal aspect of aliyah, homecoming, is stressed. The Center contains a permanent exhibit, bibliographies, audio-visual aids, and computers, all designed to assist educators in the teaching of Zionism.

The Audio-Visual Center has closed-circuit television facilities for the use of students and teachers alike. This equipment is used in the College itself as well as for the purpose of recording lessons in schools. These recordings are used for criticism and evaluations. The Center has a very large collection of tapes, video cassettes, movies, etc., for use by teachers and students.

The Levin Kipnis Children's Literature Center was established to foster the teaching and research of literature for children and young people.

Admission Requirements

Candidates must have an Israeli matriculation certificate or its equivalent, pass entrance examinations, and appear for a personal interview.

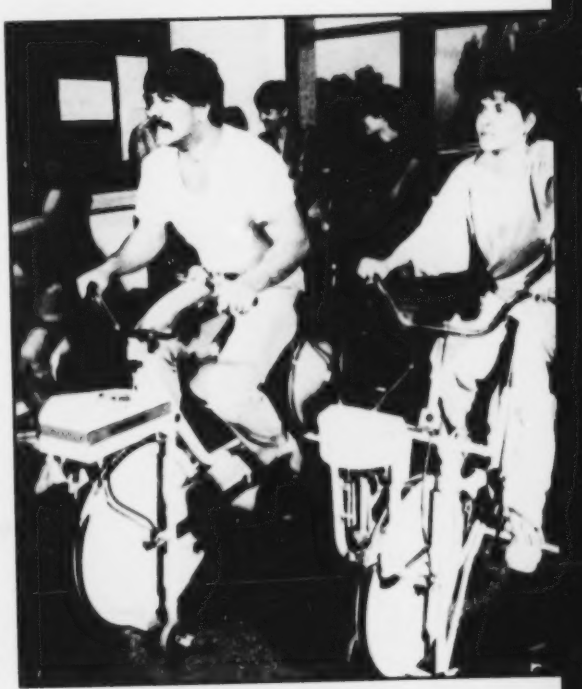
The Zinman College of Physical Education at the Wingate Institute

POST WINGATE, 42902 NETANYA, TEL. (053) 29222, FAX (053) 650960

The Zinman College of Physical Education at the Wingate Institute is the only Jewish academic institution devoted to physical education, sports, dance, movement, and recreation. The aim of the College is to mold qualified educators to teach, instruct, and coordinate physical education and physical activity programs in schools, youth centers, sports organizations, community centers, and municipal sports departments.

Beginning in Tel Aviv in 1944 as a one-year prep school for physical education teachers, the College has grown in both scope and population. After moving to the newly opened Wingate Institute in 1959, the school's program was expanded to two years. In the 1970s, it became affiliated with Tel Aviv University, and the course of studies was lengthened to three years. At this point, the College's program was recognized as a major for students wishing to earn a B.A. or B.Sc. degree from Tel Aviv University or the University of Haifa.

When the College received full accreditation from the Council for Higher Education in 1984 and was authorized to award the Bachelor of Education degree, a fourth year of studies was added to the program. The addition of extra courses and study time to the College curriculum reflects the growth of physical education as a discipline, incorporating the biomedical sciences, the social sciences, educational studies, and motor skills.



Programs of Study

The College's four-year curriculum leading to a Bachelor of Education degree comprises five main domains of study:

a. *The scholarly study and research of human kineticology:* Background, meaning, and significance (evolution and philosophies); behavioral aspects (psychosocial and anthropological aspects of human movement, psychomotor behavior); functional effects of physical activity and mechanical analysis of motor skills (anatomy, biochemistry, exercise physiology, kinesiology, biomechanics).

b. *Education:* Introduction to and advanced studies in Education as an academic discipline (history, philosophy, psychology, sociology, research methods, measurement and evaluation, management, program development, and theories of instruction).

c. *Performance* experiences, understanding and mastery of motor skills in sport, exercise, and dance.

d. *Professional Preparation:* Application of theory to practice in teaching and in the area of specialization.

e. *Specialization* in one area of expertise, as detailed below.

Early Childhood (Kindergarten-third grade) Physical Education: It is generally accepted that the earlier children begin directed physical activities, the better their achievements, physical health, and development. The Early Childhood Department emphasizes the physical, motoric, and psychological elements that must be considered when working with young children. Practice teaching takes place at nearby kindergartens and schools.

Special Education: Children with mental limitations need physical activity as much as children without handicaps. Through extensive field work and a strong academic grounding, the Department of Special Education prepares students to work with children with limitations: mental retardation, minimal brain damage, deafness, polio, cerebral palsy, etc. In addition to the ongoing work with these children at the College and at schools, the department's students organize special events, such as field and sports days for each of the special populations.

Sports for the Physically Handicapped: Through physical activity, the physically handicapped gain in strength, endurance, self-confidence, and self-esteem, all of which are major stimulants to their reintegration into mainstream society. In the Department of Sports for the Physically Handicapped, students learn and practice the methods of instructing physically disabled of all ages, from childhood to the elderly. The specific impairments they work with include spinal cord injuries, amputations, multiple sclerosis, and other neurological and orthopedic problems. The department organizes activities for the physically handicapped in the community, including dancing and therapeutic exercise.

Leisure and Recreation Education: This specialization divides into two – Outbound Education and Recreation in Society, Community and Schools. The Outbound Education Department has a double aim: to train physical educators who can develop, organize, coordinate, and lead recreation programs on sea and on land, in well laid out recreation areas, and in the midst of mother nature untamed; and to impart an intimate knowledge of the Land of Israel through active participation in physical activities, such as hiking, rappeling, mountain climbing, trekking, caving, hang gliding, wind surfing, scuba diving, and sailing.

The Recreation in Society, Community and Schools Department focuses on the organizational and management side of recreation programs, instilling the skills needed for directing recreation programs in schools, community centers, and the community at large.

Dance: Whether educational, modern, folk, character, or jazz, dance provides a language of communication and expression, a means of raising awareness of one's body and its potential, and an approach to aesthetic values. At the College, dance serves yet another purpose: as a link to

Jewish tradition. Through dance one learns to perceive and express the feelings underlying the festivals and special days of remembrance. In addition to the various dance courses, dance majors also learn dance history, composition and choreography, and music. The department also sponsors a dance troupe, which has performed in Israel and abroad.

Cardiac Rehabilitation: After suffering a heart attack or undergoing bypass surgery, a person should not give up physical activity. Quite the contrary. Like any other muscle, the heart improves with exercise, if it is carefully supervised and adapted to the person's individual capacities. The Cardiac Rehabilitation Department offers students a hands-on program of theoretical and practical work in preparing and supervising rehabilitation programs for individuals who have had heart attacks or bypass surgery. Special programs are also devised for persons in high risk categories, to help prevent heart disease.

Gerontology and Physical Activity for Older Adults: With the growing awareness of older adults' need for controlled, supervised physical activity, the College has developed a program to prepare teachers for working with older adults. The program includes courses in the physiological, medical, and psychosocial characteristics of older adults, as well as extensive field work with them. Preference is given to candidates who are experienced physical educators.

The Posture Cultivation Department aims to train educators who can detect posture problems, aid in correcting them through exercises, and raise among children the awareness of good posture habits. As part of their course studies, students test elementary school children for posture faults and then work with those who need help. Academic preparation includes the physiology of posture deviations, posture tests and measurements, and anthropometrics.

Admission Requirements

- Candidates from abroad must possess a matriculation certificate or high school diploma which would be acceptable for admission to universities in their home country.

- Candidates are interviewed personally to assess their suitability to the teaching profession and to studies at the College.

- A good knowledge of Hebrew is also essential since classes are conducted in Hebrew.

Special Programs

The College offers a one-year Preparatory Program for new immigrants, which provides them with a sound grounding in Hebrew, Jewish history, Bible, geography, and other subjects relevant to studies in Israel. Graduates of this program may apply for admission to any of Israel's institutions of higher education.

Facilities

The Zinman College is the main school in the Wingate Institute sports complex, located due south of Netanya on the Mediterranean coastline, some 15 miles north of Tel Aviv.

Facilities on campus include swimming pools, gymnasia, playing fields, a weight room, stadium, and extensive lawns. There is also access to the beach from the Institute.

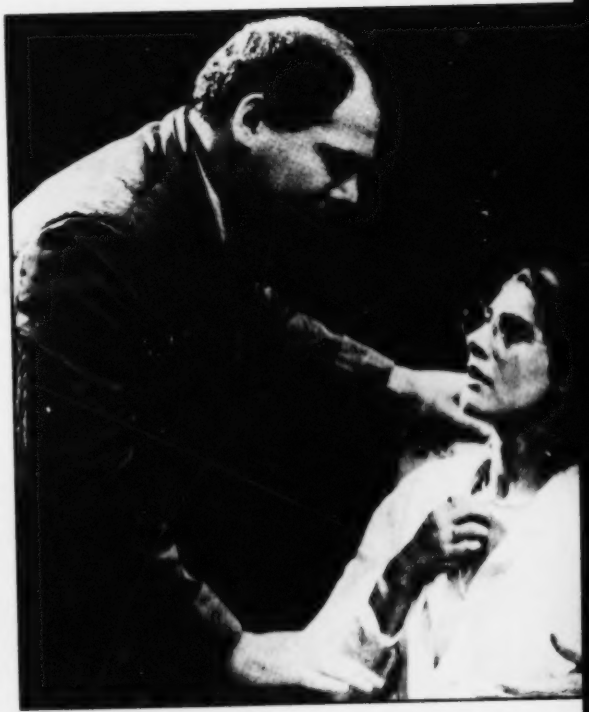
The Institute's 52,000 volume multi-lingual library is Israel's largest collection of publications on physical education and sports.

The College has well-equipped laboratories for biomechanics, physiology of exercise and physical fitness, motor learning, and educational technology. Students and faculty involved in research can make use of the College's computer center and research guidance. Dormitories on campus can accommodate 300 students and a Sports Hotel is available for guests and visiting teams at the Institute. A dining room and cafeterias are also located on campus.

State Teachers College–Seminar Hakibbutzim

149 NAMIR ROAD, 62507 TEL AVIV; TEL. (03) 6902323, FAX (03) 6990269

State Teachers College – Seminar Hakibbutzim is an integral part of the teacher-training and general education system of the State of Israel. Founded in 1939 and located in Tel Aviv, the College serves approximately 2,000 regular students and 1,000 practicing teacher-students. Thousands more benefit from in-service training courses, day-long seminars, and individualized consultation services offered by the College staff to teachers in schools throughout Israel. Graduates of Seminar Hakibbutzim are well prepared for work at all levels of the educational system, from pre-kindergarten through high school. Students from every sector of the population – Jews and Arabs, religious and secular, kibbutz, moshav and metropolis – are to be found in the College.



Originally envisioned as the source of educational leadership for the kibbutz movement, the College soon found itself serving many sectors of the education system in Israel. Its philosophy combines a unique, progressive approach to education with the principles of a creative, artistic experience and an historical, intellectual world view. Courses in environmental studies and fundamentals of kibbutz life are among the expressions of these principles in the curriculum.

Programs of Study

Academic Programs

Programs for Primary School (Kindergarten and Grades 1-2) Educators award the Senior Teacher certificate on completion of the three-year course and the Bachelor of Education degree upon completion of the four-year course. Academic majors include literature, Jewish history, biology, music, media arts, and special education. In a unique program to prepare Creative Primary Teachers, the student learns to incorporate the performing arts, visual arts, music, and movement within the teaching and learning experience.

Programs for Elementary School (Grades 3-6) Educators award the Senior Teacher certificate on completion of the three-year program and the Bachelor of Education degree on completion of the four-year program. In addition to general education and pedagogy, there are courses in computers and the arts.

Programs for Junior High School (Grades 7-10) Educators award the Senior Teacher certificate on completion of the three-year course and the Bachelor of Education degree on completion of the four-year course. Academic majors include Hebrew language and literature, English language and literature, Bible studies, general and Jewish history, mathematics and physics, and biology.

Special Education Teachers (Elementary and Junior High) are prepared for work within a variety of learning frameworks. The teacher-in-training is given practical experience in working with the different, gifted or learning disabled, in separate classes or mainstreamed. Students of Special Education on the junior high school level must choose an academic major, for which they receive a Senior Teacher certificate enabling them to teach this subject in regular junior high school classes.

Students who complete three years in the program for Junior High School Educators have the option to complete a Bachelor of Arts/Science degree at Tel Aviv University in the relevant academic discipline.

The In-service Training Center offers short-term programs for teachers, school administrators, and other educators. Its programs are geared to the needs of practicing teachers who seek to upgrade their qualifications by earning a Senior Teacher certificate or a B.Ed. degree.

Non-Degree Program

The Infant and Toddler Education Program is designed to prepare teachers and aides for kibbutz children's houses as well as for day-care centers and nursery schools throughout the country. The curriculum includes education, general studies, and creative arts. Practical "field" experience is combined with theory and classroom study. Completion of the two-year course of study entitles the student to a teaching certificate in Early Childhood Education.

Admission Requirements

Candidates must have an Israeli matriculation certificate or its equivalent from abroad. Psychometric tests and personal interviews may be required. Overseas students are required to pass a proficiency test in Hebrew or to attend a preparatory program (*Mechina*).

Special Facilities

The College has centers which serve the regular student body as well as the wider community of educators. These include the Center for Computers in Education, the Center for the Teaching of the Holocaust, the Center for the Study of Democracy and Co-existence, the Research and Guidance Center, and the Center for Academic Literacy.

ORT Academic College for Teachers in Technology– Jerusalem

GIVAT RAM, 95435 JERUSALEM; TEL. (02) 513141, FAX (02) 520610

Technological education encompasses about 50 percent of all students in the post-primary education system in Israel. Thousands of additional students are studying in colleges and various frameworks for vocational training and retraining. ORT is well known as a technological educational network of standing throughout the world and in Israel. More than 70,000 students are studying in various educational institutions of the ORT network in Israel.

Out of responsibility and concern for the teaching level of advanced technological studies, the ORT network opened an academic course of study for training teachers in techonology in the field of electronics. Studies are held at the ORT College adjacent to the Hebrew University campus in Givat Ram, Jerusalem.

The ORT Academic College has been accredited by the Council for Higher Education and authorized to award the Bachelor of Education in Technology (B.Ed. Tech.) degree. In addition, it has been permitted to enroll students in a program for Teachers of Computer Science, which has not yet been accredited.

The aim of the college is to provide the students – the future teachers – with up-to-date information in the fields of science and technology and to equip them with tools that will aid them to keep abreast of the dynamic changes which are occurring in modern industry. The course develops ways and means of enhancing teaching and improving the skills of the future teacher. In addition to vocational training, students acquire knowledge in the social and political spheres, which will enable them to educate their pupils to understand the world around them and to impart to them overall, human, national, and social values.

The training not only includes acquisition of knowledge and skills in the teaching profession and didactic means, but guides the future teacher to instruct and educate a varied student population. Emphasis is placed on integrating students in part-time practical work in ORT Institutions during their studies, and a framework is being created to help them learn about the demands of industry at close hand.

Program of Study

Teacher Training in Techonology, specializing in Electronics: The curriculum consists of the following: Basic sciences; engineering and technology; general studies including English; practical training and teaching, including observation, classes under guidance, and practice teaching in classes; and theoretical education studies.

Technicians with matriculation certificates and good grades are exempt from certain courses.

Admission Requirements

Candidates must possess the Israeli matriculation certificate (*Bagrut*) or an equivalent martriculation certificate or high school diploma. Candidates must take the NITE Psychometric Entrance Test. Candidates should have a good command of Hebrew (students from abroad may take a preparatory course offered by the college). A personal interview is also required.

For further information abroad, contact:

In the United States
American ORT Federation
817 Broadway
New York, NY 10003

In England
World Ort Union
ORT House, Sumpter Close
Finchley Road
London NW5 5HR

In Switzerland
Union Mondial ORT
Rue de Varembe 1211
Geneva 20

Oranim–The School of Education of the Kibbutz Movement

36910 TIVON; TEL. (04) 838811, FAX (04) 838738

Oranim – the School of Education of the Kibbutz Movement draws its name from the Hebrew for "pine trees." It is a fitting label, reflecting the school's 40-acre, pine-clad, hillside campus near Tivon township, in the North.

Oranim provides a conducive learning environment for 1,800 full-time students and over a thousand teachers taking in-service courses. Students come from both urban and rural backgrounds, and include Jews, Arabs, and Druze. Staff totals 400, about 40 percent from *kibbutzim*.

The campus features a full-range of facilities: modern classrooms, lecture halls, laboratories, a full-service library, and living and dining quarters. Recent additions are an amphitheater and a humanities building.

Taking its inspiration from the kibbutz, Oranim as a society emphasizes simplicity, directness, openness, and dedication. These qualities make it a unique institution with a special teacher-student relationship, characterized by the informality of kibbutz living.

The kibbutz ideal finds its expression at Oranim in accessibility of teachers, use of first names rather than titles, shared dining facilities for workers, staff and students. In the studies themselves, there is a de-emphasis on grades with a replacement of examinations by projects. The teaching staff emphasizes cooperation in education rather than competition.

The above is not, however, a recipe for mediocrity. There is an extraordinary striving after excellence by individual Oranim students. This has made Oranim a source for change, a source of teachers with a unique style that has made its mark within the Israeli educational system.

Oranim is surprisingly complex, committed to producing educators at all levels – from pre-kindergarten through high school matriculation – and in all subjects including music, art, and special education. Courses are of three or four year duration.

Programs of Study

Academically affiliated with the University of Haifa, Oranim's University Division grants B.A. and B.Sc. degrees. (For further information about this division, see the chapter on the University of Haifa).

The Council for Higher Education has granted the College Division a permit to maintain an institution of higher education, however, it is not yet accredited nor authorized to award an academic degree. The College offers a four-year program of study in accordance with the model of the Bachelor of Education (B.Ed.) program.

The program offers specialization trends in the following fields of study:

Elementary School Teacher Training (grades 1-6)
Special Education
Early Childhood Education

Students in the three trends of the B.Ed. program choose an academic major from among such subjects as Bible, language, literature, history, Israel studies, English, science, and mathematics and computer sciences. The integration of academic and pedagogic studies starts in the first year.

A three-year program of studies is also available, entitling graduates to the senior teacher's certificate.

Admission Requirements

- Candidates must possess an Israeli matriculation certificate or its equivalent from abroad, or have completed a pre-academic preparatory program.
- A personal interview may be required.
- Overseas candidates must pass proficiency examinations in the Hebrew and English languages.
- Candidates for the Special Education trend must also have general education experience, experience in special education with at least two children, and submit a recommendation from a specialist in the field.

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Table 2

Fields of Study and Degrees Awarded in Non-University Institutions of Higher Education

Fields	Institutions	Degrees
Business Studies	College of Management, Tel Aviv	B.B.
Ceramic Design	Bezalel	B.F.A.
Computer Science	Jerusalem College of Technology	B.Tech. & App. Sc. of Tech.
Dance	Rubin Jerusalem	B.Dance
Economy and Management of Communal Settlements	Ruppin	B.E.M.
Electronics	Jerusalem College of Technology	B.Tech. & App. Sc. of Tech.
Environmental Design	Bezalel	B.Des.
Fashion Design	Shenkar	B.Des. (Fash.)
Fine Arts	Bezalel	B.F.A.
Gold & Silversmithing	Bezalel	B.F.A.
Graphic Design	Bezalel	B.F.A.
Industrial Design	Bezalel	B.F.A.
Industrial Management	Shenkar	B.Tech. (Ind. Man.)
Music-Performing, Composition	Rubin Jerusalem	B.Mus.,B.A.Mus.*, M.A.Mus.*
Photography	Bezalel	B.F.A.
Physics/Electro-Optics	Jerusalem College of Technology	B.Tech. & App. Sc. of Tech.
Teacher Training in:		
Early Childhood Education	Beit Berl, David Yellin, Levinsky, Seminar Hakibbutzim	B.Ed.
Electronics	ORT Academic College–Jerusa.	B.Ed.Tech.
Elementary School	Beit Berl, David Yellin, Levinsky, Michlalah, Seminar Hakibbutzim	B.Ed.
Informal Education	Beit Berl	B.Ed.
Junior High School	Beit Berl, David Yellin, Levinsky, Michlalah, Seminar Hakibbutzim	B.Ed.
Music	Levinsky, Michlalah, Rubin Jerusa.	B.Ed.Mus.
Physical Education	Zinman	B.Ed.
Special Education	Beit Berl, David Yellin, Levinsky, Michlalah, Seminar Hakibbutzim	B.Ed.
Textile Chemistry	Shenkar	B.Tech. (Tex.)
Textile Design	Shenkar	B.Des. (Tex.)
Textile Technology	Shenkar	B.Tech. (Tex.)

*A joint program with the Hebrew University of Jerusalem.

Key to Degrees

B. Adm. Kibbutz = Bachelor of Administration of the Kibbutz Economy
B.B. = Bachelor of Business
B.Des. = Bachelor of Design
B.Des. (Fash.) = Bachelor of Design (Fashion)
B.Des. (Tex.) = Bachelor of Design (Textile)
B.Ed. = Bachelor of Education
B.Ed. Mus. = Bachelor of Music Education
B.Ed.Tech. = Bachelor of Education in Technology
B.F.A. = Bachelor of Fine Arts
B.Mus. = Bachelor of Music
B.Tech. & App. Sc. = Bachelor of Technology and Applied Science
B.Tech. (Ind. Man.) = Bachelor of Technology (Industrial Management)
B.Tech. (Tex.) = Bachelor of Technology (Textile)

Non-Academic Post Secondary Institutions Supported by the Student Authority

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Non-Academic Post-Secondary Institutions Supported by the Student Authority

The following is a list of post-secondary institutions offering non-academic programs of study, culminating in the granting of diplomas/certifcates which are *not* recognized by the Council for Higher Education. The Student Authority, nonetheless, awards scholarships to eligible students enrolled in programs at these institutions. Additional details may be obtained from the Student Authority (see also the chapter "The Student Authority") and from the *Aliyah* representatives whose addresses appear in the chapter "Sources of Information." Institutions marked with an asterisk (*) offer bachelor's degree programs as well; see the individual entry for each of these institutions in this guide for information.

Teacher Training Colleges

Jerusalem Region

***The David Yellin Teachers' College**

P.O.Box 3587, Beit Hakerem, 91035 Jerusalem, Tel.: (02) 513111

Yaacov Herzog Teacher Training Seminary

Har Etzion Yeshiva, Allon Shvut, 90940 Gush Etzion, Tel.: (02) 931451-6

***Michlalah–The Jerusalem College for Women**

Bayit Vegan, P.O. Box 16078, 91160 Jerusalem, Tel.: (02) 422481

Lipschutz Religious College

17 Hillel St., P.O. Box 2308, 91022 Jerusalem, Tel.: (02) 222157

Efrata Religious College for Women

17 Ben Yefune St., P.O. Box 10263, 91102 Jerusalem, Tel.: (02) 717745

Beit Yaacov Teacher Training Seminary

Kikar Harav Levin, P.O. Box 511, 91004 Jerusalem, Tel.: (02) 385211

Haifa and the Northern Region

Ohalo College

15110 Emek Hayarden, Tel.: (067) 50330, 50296

Haifa Regional Education Center (previously known as Gordon College of Education)

73 Tchernichovsky St., P.O. Box 1165, 35705 Haifa, Tel.: (04) 333297

***Oranim – The School of Education of the Kibbutz Movement**

Oranim, Doar Tivon 36910, Tel.: (04) 931143, 838811

Neri Blumenfeld Teachers College

12 Hannah Senesh St., P.O. Box 3131, 31040 Haifa, Tel.: (04) 381253

Shaanan – Religious Teacher Training College

101 Derech Yad Lebanim, 32162 Haifa, Tel.: (04) 322683, 321947

Tel Aviv and the Central Region

College of Administration

6 Antigonus St., 62664 Tel Aviv, Tel.: (03) 441744

Beit Berl College

Main campus: Doar Beit Berl, 44905 Kfar Saba
Branches:

***The Center for Academic Training**
Beit Berl, Kfar Saba, Tel.: (052) 448449

College for Training Teachers of Art and Technology

14 Patai St., Givatayim, Tel.: (03) 321308

Art Teachers College

7 Beit Guvrin St., Ramat Hasharon, Tel.: (03) 474391

Teachers Seminary for Jewish Studies

18 Haraz St., P.O. Box 1106, 76110 Rehovot, Tel.: (08) 470887

Beit Rivka Religious College for Women

60978 Kfar Chabad Beth, Tel.: (03) 9606571-4

***State Teachers College – Seminar Hakibbutzim**

149 Haifa Road, 62507 Tel Aviv, Tel.: (03) 6424221

Or Chayim Beit Midrash for the Training of Kindergarten and Professional Teachers

P.O. Box 62, 51100 Bnei Brak, Tel.: (03) 767113

Talpiot Religious College

16-18 Dov Hoz St., 63416 Tel Aviv, Tel.: (03) 240007
Branch:

Music Academy
Herzog St. 49270 Tel Aviv, Tel.: (03) 9301743

Beit Yaacov Seminary

4 Yitzchak Elchanan St., 34452 Tel Aviv, Tel.: (03) 652050, 659392

Orot Yisrael College for Women

Elkana, D.N. Ephraim, 44801, Tel.: (03) 9362175

***Levinsky Teachers College**

15 Shoshana Frassis St., Kiryat Hachinuch, P.O. Box 48130, 61480 Tel Aviv, Tel.: (03) 6426162

Givat Washington Religious College

Givat Washington, D.N. Shikmim, 79860, Tel.: (08) 525488

***The Zinman College of Physical Education**

Wingate Institute, 42902, Tel.: (053) 29222

Southern Region

Kay Teachers College

P.O. Box 65, Yehuda Halevy St., 84100 Beer Sheba, Tel.: (057) 416863

Achva Regional College

D.N. Shikmim, 79800 Beer Tuvia, Tel.: (08) 581970, 586341

Orot Yisrael in the South

Kiryat Chinuch, P.O. Box 412, 80200 Azata, Tel.: (057) 949429

For further information on Teacher Training Colleges, contact:

Ministry of Education
Department for Teacher Training, Lev-Ram Building, Devorah Haneviah St., Jerusalem, Tel.: (02) 293670

Schools for Practical Engineers and Technicians

Jerusalem Region

ORT Technical School
42 Haneviim St., 95103 Jerusalem, Tel.: (02) 222215

ORT School of Engineering
Givat Ram, 95435 Jerusalem, Tel.: (02) 533143

Emunah College
104 Bethlehem Road, 93630 Jerusalem, Tel.: (02) 715767

Hadassah Community College
37 Haneviim St., P.O. Box 1114, 91010 Jerusalem, Tel.: (02) 222291

Haifa and the Northern Region

The Engineering College in Nazareth
10 Golan St., 16000 Nazareth, Tel.: (06) 554831

National School for Practical Engineers
Technion City, P.O. Box 4459, 31043 Haifa, Tel.: (04) 240366

ORT Levinson School
P.O. Box 137, 3 Nir Am St., 27000 Kiryat Bialik, Tel.: (04) 720141

Tel-Hai Regional College
Mobile Post Tel-Hai, 12210 Upper Galilee, Tel.: (06) 943731

College of Western Galilee
Acre, D.N. Oshrat, Tel.: (04) 811922

ORT Carmiel Technical College
P.O. Box 78, 20101 Carmiel, Tel.: (04) 882021

Tel Aviv and the Central Region

School for Gardening and Landscaping
50 Ahad Ha'Am St., 49507 Petach Tikva, Tel.: (03) 9325931

The School for Engineering, next to Tel Aviv University
University St., 69975 Tel Aviv, Tel.: (03) 417364

Tadmor School for Hotel Management
38 Basel St., 46660 Herzliya, Tel.: (052) 572321

Ruppin College for Practical Engineers
60960 Emek Hefer, Tel.: (053) 685131

Mikveh Yisrael–Vinik Institute for Agricultural Technology
Post Holon 58910, Tel.: (03) 5057500

ORT Syngalovski Technical College
28 Hatayassim St., P.O. Box 25066, 67299 Tel Aviv, Tel.: (03) 396171

ORT Technical College
New Industrial Area, 42379 Netanya, Tel.: (053) 333744

ORT Technical College
44269 Kfar Saba, Tel.: (052) 31557

ORT Technicom College
15 Golomb St., 53466 Givatayim, Tel.: (03) 316555

College of Photography
P.O. Box 300, 55102 Kiryat Ono, Tel.: (03) 341811

Tel Aviv College of Practical Engineering
30 Yigal Allon St., 67726 Tel Aviv, Tel.: (03) 390081

Southern Region

Sapir Regional College of the Negev
79165 Shaar Hanegev, Tel.: (051) 802772

Practical Engineering College
71 Basel St., 84289 Beersheba, Tel.: (057) 462218

Ashdod College of Technology
P.O. Box 6001, 77160 Ashdod, Tel.: (08) 524242

For further information on Schools for Practical Engineers and Technicians, contact:

The National Institute for Technological Training
86 Petah Tikva Road, 67138 Tel Aviv, Tel.: (03) 5634111

Schools for the Para-medical Professions

Technical Schools

Ichilov-Sheinborn Hospital (Radiotechnology)
6 Weizmann St., 64239 Tel Aviv, Tel.: (03) 5436404

Sheba Medical Center (Radiotechnology)
52621 Tel-Hashomer, Tel.: (03) 349911

Kaplan Hospital (Radiotechnology)
76100 Rehovot, Tel.: (08) 441302

Rambam Hospital (Radiotechnology)
Bat-Galim, 31096 Haifa, Tel.: (04) 529933

Mazor School (Dental Technology)
14 Zahal St., 35156 Haifa, Tel.: (04) 520031

For further information on Technical Schools in the Paramedical Professions, contact:

Ministry of Health
Department for the Medical Professions, 2 Ben Tabai St., 93591 Jerusalem, Tel.: (02) 705705

Nursing Schools

Jerusalem Region

***Henrietta Szold-Hadassah-Hebrew University School of Nursing**
Ein Kerem, P.O. Box 12000, 91120 Jerusalem, Tel.: (02) 428569

Shaarei Zedek School of Nursing
P.O. Box 293, 91002 Jerusalem, Tel.: (02) 555494

Haifa and the Northern Region

Carmel School of Nursing
7 Michal St., 34362 Haifa, Tel.: (04) 254373

The Matius Nursing School
Hillel-Yaffe Hospital, 38100 Hadera, Tel.: (06) 339804

The Sherman Nursing School
HaEmek Medical Center, 18000 Afula, Tel.: (06) 524141

Ziv School of Nursing
13207 Safed, Tel.: (06) 978031

The Selde Nursing School
Rothschild Hospital, 58 Golomb St., 33395 Haifa, Tel.: (04) 380333

The Yellin Nursing School
Rambam Medical Center, Bat-Galim, 31096 Haifa, Tel.: (04) 510003

Tel Aviv and the Central Region

The Schoenbrun Nursing School
Ichilov Medical Center, 17 Henrietta Szold St., 64942 Tel Aviv, Tel.: (03) 5436549

***Assaf Harofeh School of Nursing**
70300 Tsrifin, Tel.: (08) 225111

Hasharon School of Nursing
7 Keren Kayemet St., 49372 Petach Tikva, Tel.: (03) 9220028

The School of Nursing, Laniado Hospital
Kiryat Sanz, 42150 Netanya, Tel.: (053) 336135

Meir School of Nursing
44100 Kfar Saba, Tel.: (052) 900280

***The School of Nursing, Kaplan Hospital**
76100 Rehovot, Tel.: (08) 441242

The Edith Wolfson Nursing School
Tel Giborim Hospital, 58100 Holon, Tel.: (03) 5028359

The Dina Nursing School
Beilinson Medical Center, Petach Tikva, Tel.: (03) 9220028

The School of Nursing, Sheba Medical Center
52621 Tel-Hashomer, Tel.: (03) 5302583

Southern Region

School of Nursing, Barzilai Medical Center
78488 Ashkelon, Tel.: (051) 45444

***Recanati School for Health Professions in the Community**
Ben-Gurion University of the Negev, Beer Sheba, Tel.: (057) 39935

For further information on Nursing Schools, contact:

Ministry of Health
Welfare Department, 2 Ben Tabai St., 93591 Jerusalem, Tel.: (02) 705705

Schools for the Arts–Acting, Cinema, Fine Arts

School for the Art of Drawing
5 Kalisher St., 65257 Tel Aviv, Tel.: (03) 657348

Beit Zvi
2 Shualei Shimshon St., 52386 Ramat Gan, Tel.: (03) 782679

Nisan Nativ Theatrical Studio
8 Bezalel Yaffe St., 65204 Tel Aviv, Tel.: (03) 200214

The Jerusalem Film and Television School
4 Yad Harutzim St., 93420 Jerusalem, Tel.: (02) 721133

For further information on Schools for the Arts, contact:

Ministry of Education
Department for Teacher Training, 20 Mamilla St., 94149 Jerusalem, Tel.: (02) 238211

General Information for Overseas Students

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פרח
פדרציה
חנוכת

The Student Authority

The Student Authority, which was founded in 1967, functions within the framework of the Ministry of Immigrant Absorption. Its main office is located in Jerusalem, and there are four district offices in the major cities: Jerusalem, Tel Aviv, Haifa, and Beer Sheba.

The primary goals of the Student Authority are to encourage Jewish youth to study in Israel and to foster the academic and social integration of Jewish immigrant students already in Israel. To this end, various kinds of financial assistance and services are extended to eligible students, the most prominent being:

- registration at academic institutions of students still abroad
- payment of tuition fees
- allocation of small grants
- housing
- preparation for academic studies (i.e., Hebrew *ulpanim* and preparatory courses)
- subsidized cultural and social activities
- guidance and vocational counseling
- tutoring, i.e., private lessons
- loans.

Applying to Israeli Academic Institutions from Abroad

Application to the various academic institutions may be handled by the Student Authority. A representative (*shaliach*) at the nearest Israel Aliyah Center abroad transfers candidates' registration forms and academic documents to the Student Authority in Jerusalem, which, in turn, makes formal application for them. Some academic institutions have a representative abroad authorized to process applications (e.g., the American and Canadian Friends of the Hebrew University for all programs and the American and Canadian Friends of Tel Aviv University for preparatory programs) through which the students may register. Registration fees must be paid by the student together with their application.

Applying in Israel to Local Academic Institutions

Students residing in Israel are personally responsible for applying to the institutions of higher education to which they hope to be accepted. They may consult the main office of the Student Authority to obtain information about the various institutions, entrance requirements and procedures, etc. Registration fees are paid by the student.

The usual registration period for undergraduate studies in Israel is January-February for the academic year commencing the following fall (less selective departments accept applications until a later date). Generally, applications for graduate study are considered from January until August.

It should be noted that faculties and/or departments which are in high demand close registration as soon as they fill up.

Requesting Assistance from the Student Authority

Candidates for Student Authority assistance must present proof of registration for or admission to a specific institution. Certified official copies of educational credentials (e.g., matriculation certificate, high school diploma or equivalent, transcripts) must be submitted, as well as one photograph with the candidate's name on the reverse side. Candidates abroad should contact the Student Authority through the *shaliach*, who will forward their applications together with his own recommendations.

The Student Authority's Scholarship Committee considers all applications and informs each applicant as to whether or not his or her request has been approved and, if so, what type of assistance will be given.

Candidates in Israel must personally apply for assistance at the Student Authority office which is closest to the institution in which they will study. They should bring with them their *Teudat Oleh* or *Teudat Tipul* and the documents mentioned above. Note that persons arriving in Israel on an *Oleh* or Temporary Resident (A/1) visa usually receive a *Teudat Oleh* upon entering Israel (on the second floor of Ben-Gurion Airport).

Tourists who would like to remain in Israel in order to study and subsequently receive assistance from the Student Authority should consult the main office of the Student Authority before applying to the Ministry of Interior to change their status.

Arrival of Students from Abroad

The arrival of a student from abroad on an *Oleh* or a Temporary Resident (A/1) visa will be arranged (whether on a group or individual basis) to coincide with the commencement of studies at an *Ulpan* (intensive Hebrew language course) or a *Mechina* (preparatory course), or the start of the regular academic year. The Student Authority cannot be held responsible for students who do not time their arrival with the *shaliach* abroad and will not assist those arriving before the fixed date.

Students arriving after the commencement of studies may be advised by the Student Authority to attend a *kibbutz ulpan* to learn Hebrew. While at the kibbutz, they may be visited by Student Authority representatives, who will explain how to apply to the various institutions for admission and to the Student Authority for assistance.

Hebrew Courses

There are two types of intensive Hebrew courses(*ulpanim*): summer *ulpanim* under the auspices of universities and the Student Authority and *ulpanim* at various *kibbutzim*.

The summer *ulpanim* cater to those accepted as regular students at an institution of higher education. Studies in this framework are very intensive. Classes commence prior to the start of the academic year and last for two months.

Kibbutz ulpanim are offered throughout the year. These mainly cater to students who arrive in Israel after the beginning of the academic year. Students are usually referred to a special *kibbutz ulpan* where the curriculum has been adapted to meet academic standards. Such *ulpanim* are under the direct supervision of the Ministry of Education.

Students work half a day on the kibbutz and study Hebrew half a day. They receive meals, lodging, medical insurance, and a small allowance. Student Authority representatives visit the different *ulpanim* to advise and assist students regarding registration for the various institutions.

Preparatory Programs

The Preparatory Program (*Mechina*) is designed for high school graduates who are required to improve their knowledge of Hebrew, Judaica, Israeli history and various general subjects, before being accepted as regular students at an institution of higher education in Israel.

Past experience has proven to Israeli universities that most high school graduates from abroad should participate in a *mechina*. However, the program is not intended for those who have already studied for more than a year at a university abroad.

Mechinot are located at universities and colleges. They prepare students for studies in the following areas: Humanities, Sciences, Engineering, Practical Engineering, and Education. Participation in a *Mechina* does not guarantee automatic acceptance to a university. One will still be required to take the psychometric examination(s) and meet all other criteria for admission.

The Student Authority, in conjunction with the various institutions, refers each student to the appropriate preparatory program, according to the field the student wishes to study and the availability of dormitory space and a place of study. The Authority does its best to refer students to the *Mechina* of their choice.

Regular attendance is compulsory. The Student Authority is informed of the student's progress during the year.

Financial Assistance

The Student Authority grants financial aid to students who are *olim* or temporary residents (holders of an A/1 visa) and meet the criteria discussed below. Eligible students can receive the assistance from commencement of study in an *Ulpan*, *Mechina*, or regular accredited program at an institution of higher education. They must renew their application annually. The assistance is for a period of two years only.

The grants and housing assistance are distributed in two yearly payments: December and April. There are no longer any monthly payments. Students arriving in August should be aware that they will not receive any funds from the Student Authority until December.

Tuition Fees

The Student Authority pays the tuition fees of eligible students; however, it does not pay their registration fees. Note that tuition is paid for two years only.

Living Stipends

The Student Authority provides grants for those students accepted for Student Authority assistance. This grant is *not* enough for the student to live on, and students are expected to have another source of income during their studies.

Students who do not finish studying during their period of eligibility must find other means of support. There are various funds that extend assistance to the local Israeli student, such as those operated by the institutions of higher education, the Ministry of Education and Culture, and the Histadrut. In addition, the Student Authority operates a special loan fund for the benefit of *Oleh* students who are no longer eligible for assistance but have not yet completed their studies.

Loans

Students experiencing financial difficulties can

apply to the Student Authority for a low-interest loan. A special Loans Committee evaluates each application. Loans are allocated on the basis of financial need.

Housing

The Student Authority helps students under its auspices to find housing. A substantial number of students are housed in either university dormitories or hostels for *Oleh* students run by the Student Authority. The relatively low monthly rental fees charged at these facilities vary, depending on the location and standard of the accommodation. Rent includes electricity, heat, cleaning, and use of kitchen facilities.

Students living in university dormitories must vacate the premises at the end of the academic year. Single students without family in Israel who need housing for the summer recess must contact the Student Authority by May. A student who stops studying before the end of the academic year will have to vacate his or her room. Students must comply with the house rules and regulations.

Students who do not receive a room in one of the dormitories or hostels are generally advised to rent a furnished room or share an apartment. Financial assistance in the form of a rent subsidy is provided by the Authority for a period of ten months. A single student studying within a reasonable distance from his or her parents' place of residence cannot receive housing assistance. Similarly, a student who owns an apartment or received a place to live through the Ministry of Immigrant Absorption is not entitled to housing assistance from the Student Authority.

It should be noted that the rent subsidy does not fully cover students' rental fees.

Criteria Governing Assistance

Status

The Student Authority assists students who are *olim* or temporary residents (holders of an A/1 visa) and wish to study at an accredited institution in Israel. Children born abroad to Israeli citizens who come on *aliyah* at the age of 17 or above, can also receive the same assistance extended to *olim*. A "returning minor" (*katin hozer*) who left Israel with his parents before the age of 14 and returned to take up residence at the age of 17 or older will likewise be eligible after reporting for army service in Israel. However, such persons must meet two additional conditions: the "returning minor" and his parents must have resided abroad for more than four consecutive years before the minor's return to Israel, and the parents must not have been employed by a private or public Israeli employer during the five years prior to the minor's return.

Health

Candidates should be of sound physical and mental health. A medical examination is required for all potential *olim* and temporary residents (A/1 visa holders).

Approved Institutions

Students accepted to an institution of higher education in Israel to pursue studies towards a degree (except for a Ph.D.) or certificate or to take a *Mechina* are entitled to receive financial assistance from the Student Authority provided that the following criteria are met:

- The institution to be attended is accredited by an Israeli governmental ministry (e.g., Education, Health, Labor).
- The duration of the course is at least one academic year.

Period of Time in Israel

Students who begin post-secondary school studies within 18 months of their date of arrival in Israel (regardless of their status upon arrival) are eligible for assistance from the Student Authority. Regular service in the Israel Defence Forces or time spent on a kibbutz is not considered part of this 18-month period. Students who had previously settled in a kibbutz, moshav, mitzpe, or community settlement for more than one year but not more than four years from their date of entry into Israel will be eligible for Student Authority assis-

tance provided that they apply for assistance within six months from the day they leave the settlement, they begin studying within 18 months of that date, and five years have not passed since they entered the country.

Age and Previous Periods of Study
To receive assistance from the Student Authority:

- A candidate for a Preparatory program cannot be more than 22-years old upon entering Israel.
- A candidate for a Bachelor's degree cannot be more than 26-years old upon entering Israel.
- A Master's degree candidate cannot be more than 30 years old upon entering Israel.
- In all of the above cases, no more than three years may have elapsed since the candidate last studied.
- A candidate who intends to study at a college for practical engineers or a nursing school cannot be more than 28-years old upon entering Israel.

A student who has completed a Bachelor's degree and wishes to study a different field or profession for a second Bachelor's degree is generally not eligible for assistance.

A candidate who already possesses a Master's degree is generally not entitled to Student Authority assistance.

The Student Authority does not offer its assistance to doctoral candidates. Students with a recognized Master's degree who wish to continue studying towards a Ph.D. and who need financial assistance must apply directly to the institution of higher education where they intend to study. The institution may try to help the student obtain assistance through the Employment Department of the Ministry of Immigrant Absorption.

Exceptional cases who do not fit any of the above criteria may apply to the Student Authority's special Committee for Exceptional Cases for consideration. Students who have studied previously in Israel, e.g. in a high school or yeshiva, must verify their own rights individually.

Continuity of Studies
Recipients of Student Authority assistance must study their specific field during consecutive semesters, unless otherwise approved. Students who stop studying in the middle or at the end of the academic year, even if they intend to commence studying again, must inform the Student Authority. A student whose studies are terminated by the school authorities will forfeit his or her Student Authority aid.

Student Obligations to the Student Authority

Shahak
Students who are receiving Student Authority assistance for their third year are required to do some form of community service through the Shahak program. It may be possible for new students (i.e., students who begin to receive assistance from August 1991) to begin Shahak during their second year of studies. Students who completed their last two years of high school in Israel and who are eligible for assistance will be required to do this service during their first year of studies at an institution of higher education. Shahak provides students with the opportunity to become

involved in solving some of Israel's most pressing social problems and at the same time to become more integrated into Israeli society. Students are assigned to work in day care centers, tutor, serve as "big brothers," work in institutions for the retarded, care for the elderly, assist new *olim*, work at Magen David Adom Stations, etc. Students are required to do four to five hours per week of community service throughout the academic year. The program is closely supervised and the students receive guidance from experienced counselors. The Student Authority can terminate its assistance to students who do not fulfill this community service requirement.

Academic Progress

Students receiving Student Authority assistance are expected to fulfill the requirements of their study program. In cooperation with the institutions of higher education, the Student Authority will try to help students experiencing difficulties by providing extracurricular lessons (i.e., tutoring) and counseling.

The Student Authority can terminate its assistance to students who fail in their studies or do not attend classes regularly. This step is taken after the Authority receives a negative report from the institution where the student is enrolled. If it is found that the student failed due to personal negligence, his or her assistance will be terminated. Students will be asked to return the financial assistance received from the Student Authority during the particular year in question.

A student who has to repeat a year is not eligible for assistance during that year. As soon as he or she is accepted into the next year, the Student Authority will once again provide assistance. In certain instances, the Student Authority can help a student who failed a year, provided that the year in question fell within the student's eligibility period.

Discipline

It is imperative that students abide by the rules and regulations of the Student Authority at the institutions, on campus, and in the dormitories.

Travel Abroad

Students who wish to travel abroad during their studies or vacations are required to inform the Authority in writing prior to departure.

The stipends of students remaining abroad for more than two weeks during the academic year will be temporarily suspended. The Student Authority is entitled to terminate the stipends of students who stay abroad for over a month when school is in session. The Student Authority reserves the right to suspend its assistance to a student who goes abroad without prior notice and can also demand reimbursement of all the sums paid to the student during that year.

Health Insurance

Anyone receiving Student Authority assistance must have health insurance coverage. There is no national health service in Israel, however, there is a large network of public health funds (*kupat holim*) and there are university health services. Students can choose whichever type of coverage they prefer.

Olim and temporary residents are eligible for free health insurance coverage during the first six months following the date of their arrival in the country, through one of the four major health funds: Klalit, Leumit, Maccabi, and Meuhedet. After this initial period, students may elect to continue their membership in a health fund by arranging payment of the monthly fee, or they may receive medical coverage from their university health service by paying the relatively nominal annual fee.

Social and Cultural Activities

Various social and cultural activities are arranged to bring students closer to Israel and its people. These include get-togethers with Israelis, lectures and discussions on current problems and Israeli affairs, seminars, and trips throughout Israel.

A cultural coordinator and a staff of counselors in the Student Authority hostels work with the residents on a daily basis, organizing various extracurricular activities on campus. All of these activities are coordinated by the Social and Cultural Activities Department of the Student Authority.

Student Department of the World Zionist Organization

Recognizing the importance of connecting with Jewish students throughout the world, the World Zionist Organization created the Student Department to promote Jewish and Zionist activities on college and university campuses. The Department maintains contact with Jewish student unions around the world. In working with university students the Student Department assists Jewish students in various manners.

1. The Creation of Student Organizations
The Student Department sponsors the creation of activist groups on campus. Where such groups already exist the Department aids in its further strengthening and development.

2. Training for Campus Leaders from Abroad
The Department runs the Leadership Training Seminars (LTS) in Israel for campus leaders from abroad. This three week intensive program is specially designed for students already active or becoming active in campus Zionist work. The LTS helps the student gain activist skills while seeing Israel "behind the headlines." The LTS follows the format of lectures, discussions, workshops and some touring of the country.

3. Activist Training on the One Year Programs
The Student Department works with students currently studying in Israel in the framework of One Year Programs. This program includes workshops on the campus and shabbat conferences in an effort to help students get a feeling of what student activism is all about and what they can do when they return to their own campus. The program is run by USD graduates who have settled in Israel.

The University Student Department (USD)/AZYF

The Student Department's *shaliach* to the United States and Canada works in the USD framework. The USD is a multi-ideological Zionist organization which has over 150 campus representatives working to promote Jewish/Zionist awareness and programs in Israel.

New Developments

As the Student Department strives to meet the needs of the changing Jewish student scene, there have been some exciting new developments in its work.

• Eastern Europe–Groups of young activists from Hungary and Russia have already been sponsored by the Department. The Department is planning and implementing additions to this work with students of the Eastern Bloc.

• Conferences in Israel–A new precedent was set when the department held a conference in Jerusalem for the French Jewish Students Organization, which brought 350 students to Israel from France. It is anticipated that the success of this effort will translate into such conferences being held in Israel by other student organizations.

Students currently in Israel who are interested in further information and guidance are welcome to visit or write to the Student Department in Jerusalem at the following address:

Student Department/WZO
P.O. Box 92
Keren Kayemet 8
91920 Jerusalem
Tel.: (02) 202319. 202296
Fax: (02) 252829

For information about activities in the United States and Canada, contact:

University Student Department/AZYF
110 East 59th Street, 3rd floor
New York, NY 10022
Tel.: (212) 339-6941 or 1-800-27-ISRAEL
Fax: (212) 755-4781

Visas/Status

In general, the visas with which students can enter Israel may be divided into two categories: (1) visas granted for the purpose of coming on *aliyah*, that entitle students to the various concessions and services extended to *olim* (new immigrants); and (2) visas granted to those who do not intend to settle in Israel during their studies.

Aliyah Visas

Oleh Visa
An *Oleh* Visa is granted to persons who are covered by Israel's Law of Return and wish to settle permanently in Israel.

Temporary Resident A/1 Visa
Most persons who come on *aliyah* from a Western country enter Israel with an A/1 Visa. This visa is granted for a period of up to three years to persons who are covered by Israel's Law of Return. After three years, they usually must change their status to that of "*Oleh*" at the Ministry of the Interior.

Persons holding the status of *Oleh* or Temporary Resident (A/1) are entitled to certain privileges and services, according to the rules and regulations of the ministries of Immigrant Absorption and Finance (e.g., customs and income tax exemptions). Similarly, children born abroad to Israeli citizens who come on *aliyah* at the age of 17 or older and Israelis with the status of "Returning Minor"* are entitled to most of the privileges granted to *olim*.

Other Visas

Student A/2 Visa
The A/2 Visa is intended for students who have been accepted to an educational institution in Israel and intend to stay in the country for one year or longer. This visa can be extended for the duration of a student's studies. Holders of A/2 visas are not entitled to the privileges and services granted to new *olim*. However, students who maintain independent households in Israel are entitled to request a tax exemption from the Customs Authority for the purchase of five essential household appliances made in Israel. They also may apply to the Ministry of the Interior for special permission to work.

Tourist B/2 Visa
The B/2 Visa is intended for persons entering Israel for a short period of time. It is generally granted for a period of three months, and the Ministry of the Interior can extend it every three months, up to a maximum stay of 27 months. As a rule, tourists are not allowed to be gainfully employed in Israel and are not entitled to receive *oleh* privileges and services.

*The term "returning minor" (*katin hozer*) is applied to an Israeli who emigrated from Israel before the age of 14 with his parents and returned to the country permanently at the age of 17 or older. After reporting for army service, a "returning minor" is entitled to certain *Oleh* privileges, provided that he and his parents resided abroad for at least four consecutive years and his parents were not employed by an Israeli employer for any period of time during the five years preceding his return to Israel.

Citizenship

Persons who enter Israel on an *Oleh* Visa or who change their status to that of *Oleh* are automatically granted Israeli citizenship after three months.

Israel recognizes the right of persons to hold dual citizenship; however, there are countries that do not. Hence, new immigrants should become familiar with the laws of their native country regarding dual citizenship.

Olim who do not want to receive Israeli citizenship (e.g., due to their fear of jeopardizing their citizenship elsewhere) must submit a written declaration to the Ministry of the Interior opting out within three months after acquiring the status of *Oleh*. In such cases, one becomes an *oleh*-foreign citizen in Israel. Such persons are not entitled to vote in national elections to the Knesset, but may vote in local elections.

> The information provided here on visas and status is of a general nature only. Contact the nearest *aliyah* representative (*shaliach*) abroad or the Student Authority in Israel for further information.

The School Year

Registration dates, the first day of classes and the division of the academic year vary from institution to institution. Nonetheless, at the universities and many of the other institutions of higher education the academic year usually commences in late October and ends in June. Final examinations are held during the summer recess. At the teachers colleges, classes begin in early September and end in June.

Classes are held five days a week. Classes are not held on Fridays and Saturdays or on Jewish and national holidays.

Student Life

In nearly all the institutions of higher education in Israel there are student associations which conduct or sponsor a variety of activities and services for students. These include social functions, volunteer work, discussions on current issues, publication of student newspapers, employment services, assistance in finding housing, lectures, films, concerts, home hospitality with Israeli families and tours of the country.

Many of these services and activities are coordinated by the Social and Cultural Department of the Student Authority.

All of the universities in Israel, as well as some of the other institutions of higher education, have their own student dormitories, where relatively inexpensive living accommodations, containing cooking facilities, are available. It should be noted, however, that dormitory space is limited, and frequently students have to find housing in the private sector.

Sources of Information

In Israel

Council for Higher Education
P.O.B. 4037
91040 Jerusalem
Tel. (02) 663131, Fax (02) 660625

National Institute for Testing and Evaluation
P.O.B. 26015
91260 Jerusalem
Tel. (02) 791555, Fax (02) 792529

Student Authority of the Ministry of Immigrant Absorption

Main Office and Jerusalem District Office
15 Hillel St.
94581 Jerusalem
Tel. (02) 241121, Fax (02) 258287

Tel Aviv District Office
6 Esther Hamalka Street
64398 Tel Aviv
Tel. (03) 5449988, 225780

Haifa District Office
7 Palyam Street
33095 Haifa
(04) 681322, 681347

Beersheba District Office
Hanegbi Building, Hanasi'im Blvd
84105 Beersheba
Tel. (057) 30871/2

Student Department of the W.Z.O.
Keren Kayemet 8
P.O. Box 92
91920 Jerusalem
Tel. (02) 202319, 202296

Ulpanim and Counseling for Young Adults (UCYA) of the Jewish Agency
17 Kaplan Street
64734 Tel Aviv
Tel. (03) 5423423, 5423283, 5423138

Kiryat Hatefutsoth
2 Ha'askan St.
13557 Jerusalem
Tel. (02) 715532

Outside Israel

World Zionist Organization Israel Aliyah Representatives

United States

National Office
Israel Aliyah Center
110 East 59th Street, 3rd floor
New York, NY 10022
Tel. (212) 339-6000

Kibbutz Aliyah Desk
27 West 20th Street, 9th floor
New York, NY 10010
Tel. (212) 255-1338

W.Z.O. Regional Offices

Israel Aliyah Center/JCC
1745 Peachtree Road N.E.
Atlanta, GA 30309
Tel. (404) 875-7881

Israel Desk – Jewish Federation
6101 Montrose Road, #205
Rockville, MD 20852
Tel. (301) 881-4407

Israel Aliyah Center
20 Park Plaza, Suite 1020
Boston, MA 02116
Tel. (617) 423-0868, 423-7491

Israel Aliyah Center
6600 Lincoln Avenue, #236
Lincolnwood, IL 60645
Tel. (608) 674-8861

Israel Aliyah Center
1750 Euclid Avenue
Cleveland, OH 44115
Tel. (216) 566-9200

Allied Jewish Federation of Denver
300 South Dahlia Street
Denver, CO 80222
Tel. (303) 321-3399

Israel Aliyah Center
6505 Wilshire Blvd
Los Angeles, CA 90048
Tel. (213) 655-7881

Israel Aliyah Center
4200 Biscayne Blvd
Miami, FL 33137
Tel. (305) 573-2556, 573-2557

Jewish Community Center
1360 N. Prospect Ave
Milwaukee, WI 53202
Tel. (414) 228-6317

Israel Aliyah Center
225 South 15th Street, Suite 2528
Philadelphia, PA 19102
Tel. (215) 546-2088

Israel Aliyah Center
401 Grand Avenue, 5th Floor
Oakland, CA 94961
Tel. (415) 839-2900

Detroit J.C.C.
6600 West Maple Rd
West Bloomfield, MI 48033
Tel. (313) 661-5440

Israel Program Center
405 Northfield Avenue
West Orange, NJ 07052
Tel. (201) 736-9290/1

Canada

Israel Aliyah Center
3910 Bathurst Street, #202
Downsview, Ontario
M3H 5Z3
Tel. (416) 663-4766

Israel Aliyah Center
5250 Decarie Blvd., Suite 550
Montreal
H3X 2H9
Tel. (514) 486-9526

Israel Aliyah Center
950 West 41st Avenue
Vancouver B.C.
V52 2N7
Tel. (604) 266-5333

Great Britain

Aliyah Department
Balfour House
741 High Road, Finchley
London N12 OBO
Tel. (01) 446-1477

The Jewish Agency Aliyah Department
Mamlock House
142 Bury Old Road
Manchester M8 6HD
Tel. (067) 740-2864

The Jewish Agency Aliyah Department
43 Queen Sq.
Glasgow, Scotland
Tel. (041) 423-7379

South Africa

The Jewish Agency Aliyah Department
84 De Villiers Street
Johannesburg 2000
Tel. 337-3000

Western Province Zionist Council
Leeusig, 4 Leeuwen Street
P.O.B. 4176
Cape Town 8001
Tel. 43-3011

Natal Zionist Council
P.O.B. 10826
Marine Parade
Durban 4056
Tel. 37-1507-8-9

Australia and New Zealand

Z.F.A.N.Z.
Aliyah Department
584 St. Kilda Road
Melbourne, Victoria 3004
Tel. 51-6921

Z.F.A.N.Z.
Aliyah Dept.
140-146 Darlinghurst Road
Darlinghurst, N.S.W. 2010
Tel. 331-7879

India and the Far East

Jewish Agency
137 Mahatma Gandhi Road
P.O.B. 1979
Bombay 400 023
Tel. 271628

Sweden

The Jewish Agency Aliyah Department
Box 5053
Stockholm 10242
Tel. 662-1665

Denmark

Dansk Zionistforbund
NY Kongensgade 6
Copenhagen 1472
Tel. (01) 126-271

Holland

John Vermeerstraat, 24
Amsterdam
Tel. (020) 72-2808

Germany

The Jewish Agency
Hebel Str. 6/3
6000 Frankfurt/Main
Tel. 490-78789

Greece

The Jewish Agency
P.O.B. 11091
Syntagma, Athens
GR 10310
Tel. 322-6608

Italy

Agenzia Ebraica
Corso Vittorio Emanuelle 173/3
Roma 00186
Tel. 687-5953

Overseas Student Information Centers

United States

University Student Department (U.S.D./A.Z.Y.F.)
(including Religious Department)
110 East 59th Street
New York, NY 10022
Tel. (212) 339-6941; 1-800-27-Israel (toll free)

Canada

Canadian Universities Bureau/Network
3535 Bathurst Street, Suite 201
Toronto, Ontario
M6A 2C7
Tel. (416) 783-1165

Great Britain

Israel Students Office
Hillel House
1/2 Endsleigh St.
London WC1
Tel. (01) 387-2213

South Africa

South African Zionist Federation
P.O.B. 18
Johannesburg 2000
Tel. 337-3000

Higher Education in Israel

A Guide for Overseas Students

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